The King Cyberamic Mask

Assembly guide

Notes:

-These patterns are meant to be printed on A4 paper
-Print the entire Pdf,not just certain pages,so that they get printed at 1:1 scale(printing just certain pages for some reason makes everything slightly bigger)
-Make sure when printing,in the settings set is as „fit to paper" not „fit to printable area" so the patterns get printed at full size
-Do not cut the borders of the pages
-Good Luck :)

Materials:

Mask:
-4mm plywood ~50/50cm
-1/4 inch plywood ~100/50cm
-1 inch foam ~100/200cm(typically black foam was used,but green and white foam were also used in limited cases)
-Tan fur ~1 yard ($\sim 1m^2$)
-Long Black fur ~1 yard ($\sim 1m^2$)
-Light brown fur ~1 yard ($\sim 1m^2$)
-Brown or Black fabric ~1 yard ($\sim 1m^2$)
- Brown for standard Kings
- Black for early Kings

-Red Stretchy Terry Cloth ~1 yard ($\sim 1m^2$)
-Black Stretchy Terry Cloth ~1 yard ($\sim 1m^2$)
-Tan Fabric ~1 yard ($\sim 1m^2$)
-Velcro ~40" of each type

Ear equipment:
One for each ear:
-1/4 INCH 50mm HEX BOLT
-1/4 INCH WASHER
-1/4 INCH MALE Rod end bearing
-1/4 INCH FEMALE Rod end bearing

Mask spcers:
-x4 M6 60mm hex bolt
-x4 M6 50mm coupling nut

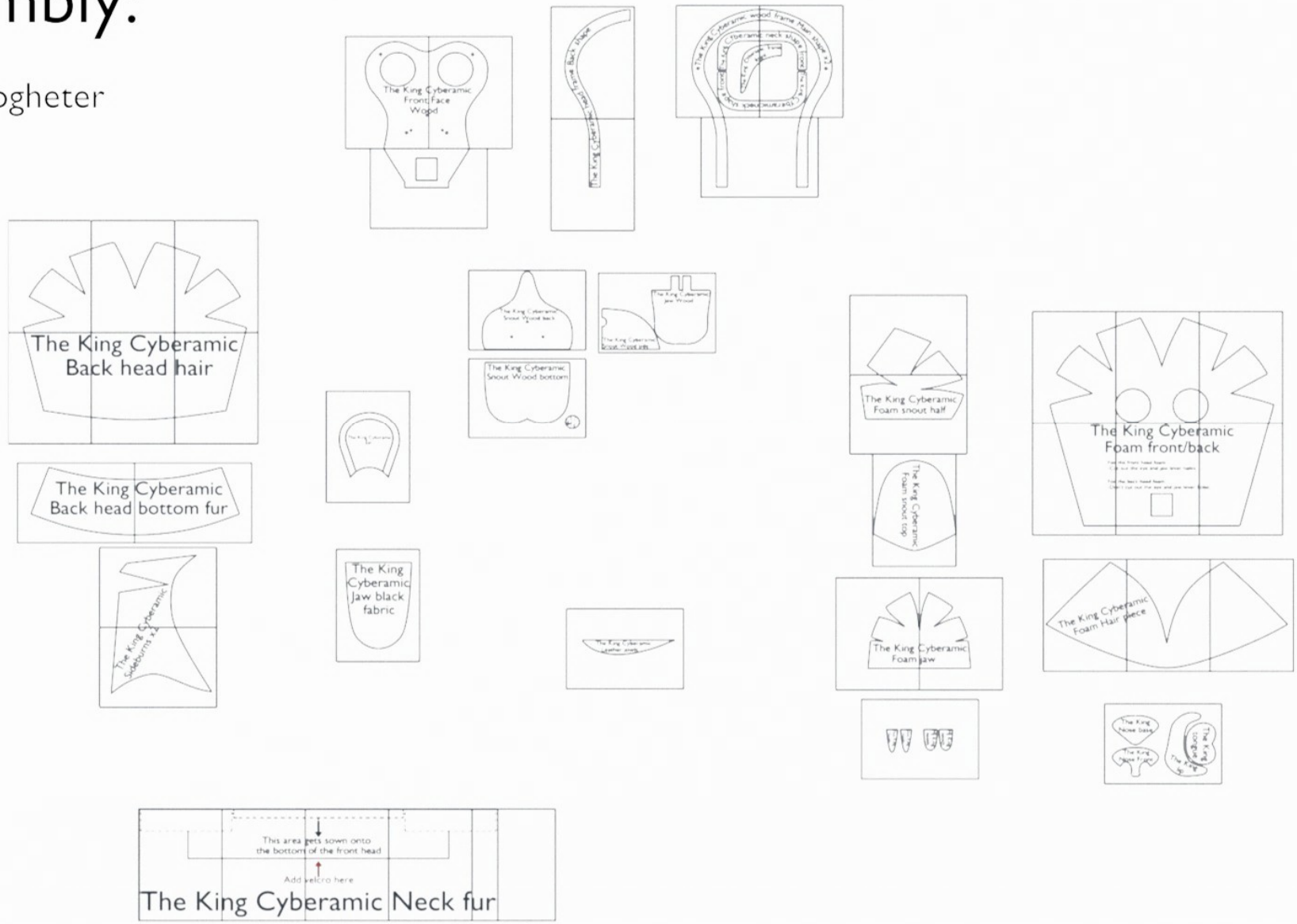
Traditional Snout attachment:
-1/4 inch Internally threaded rod
1/4 inch screw<40mm
1/4 inch washer

Simpler Snout attachment:
-M6 hex bolt<40mm (1 for PTT, 3 for 90's)
-M6 coupling nut<30mm

Pattern assembly:

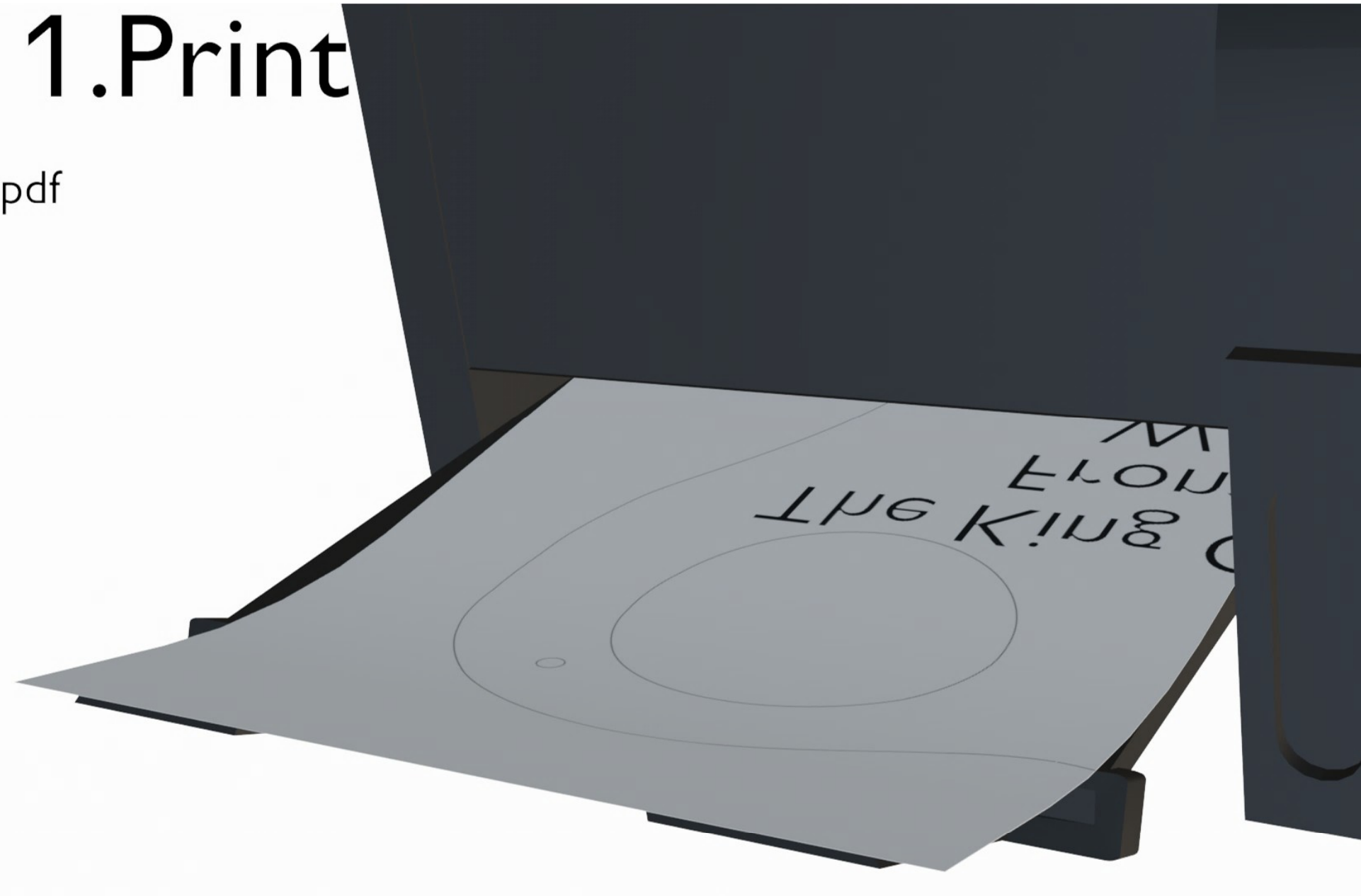
-Simply tape the pieces togheter

-If there are any borders on the images do NOT cut them

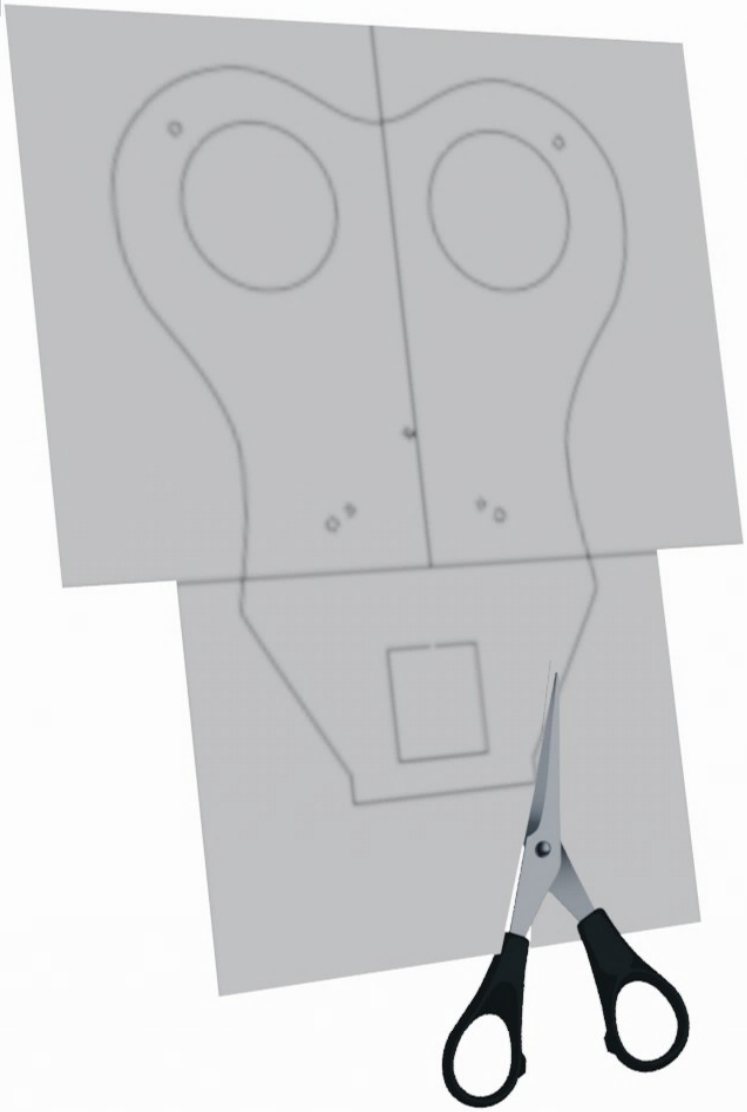

The King Cyberamic Front Face Wood
The King Cyberamic Back head hair
The King Cyberamic Back head bottom fur
The King Cyberamic Sideburns x2
The King Cyberamic Jaw black fabric
The King Cyberamic Snout Wood bottom
The King Cyberamic Foam snout half
The King Cyberamic Foam snout top
The King Cyberamic Foam front/back
The King Cyberamic Foam Hair piece
The King Cyberamic Foam Jaw
This area gets sown onto the bottom of the front head
Add velcro here
The King Cyberamic Neck fur

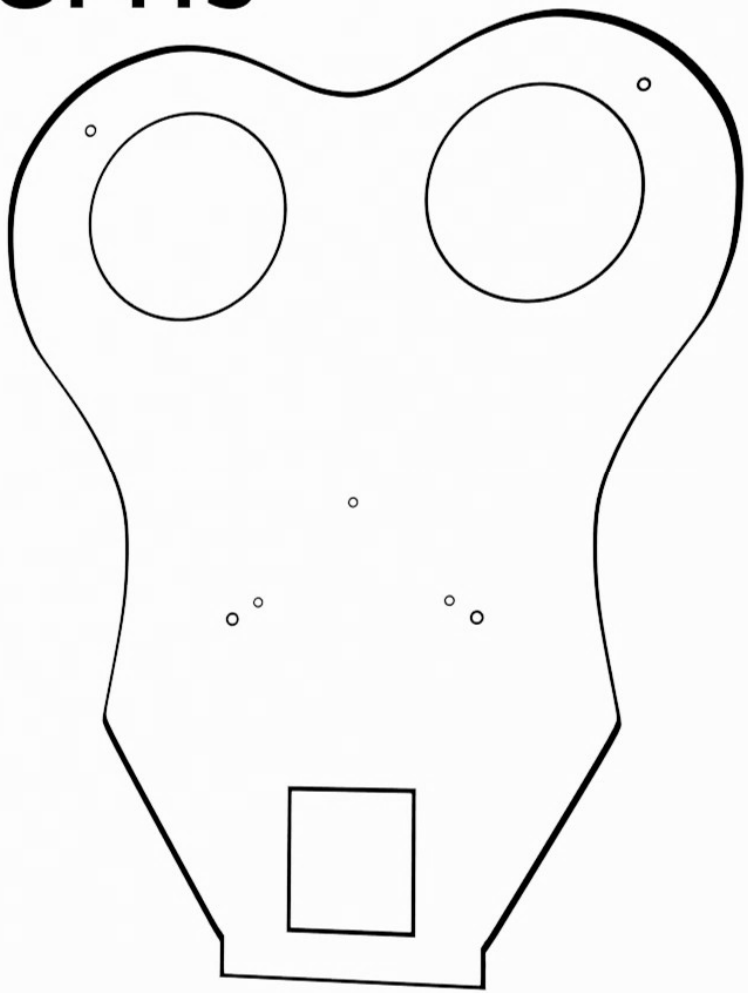
Step 1.Print

-Print the pdf



Step 2.Cut the patterns

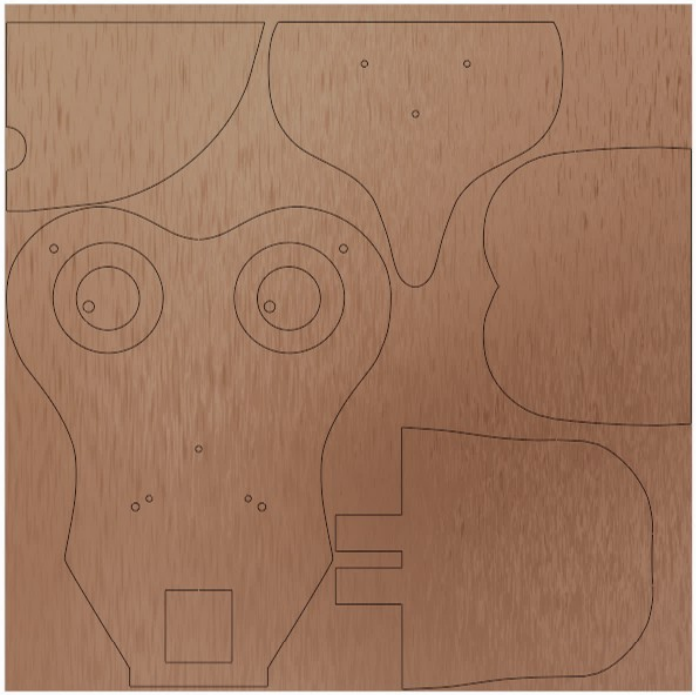




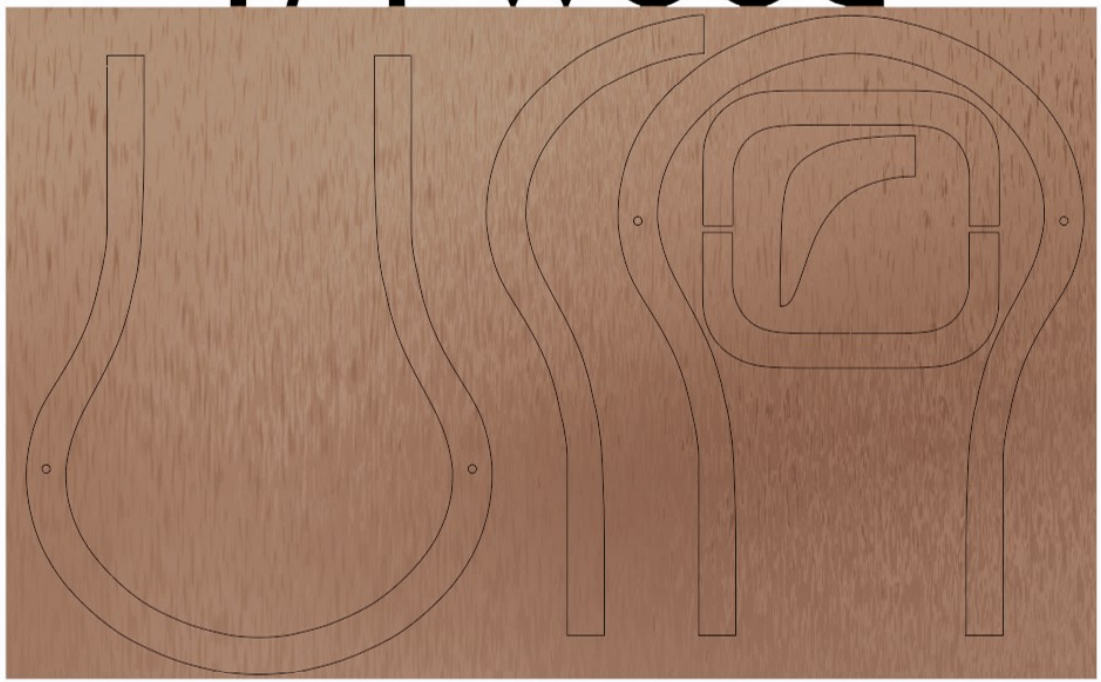
Step 3.Cut the wood

-Trace the patterns onto the wood then cut the pieces out

4mm wood



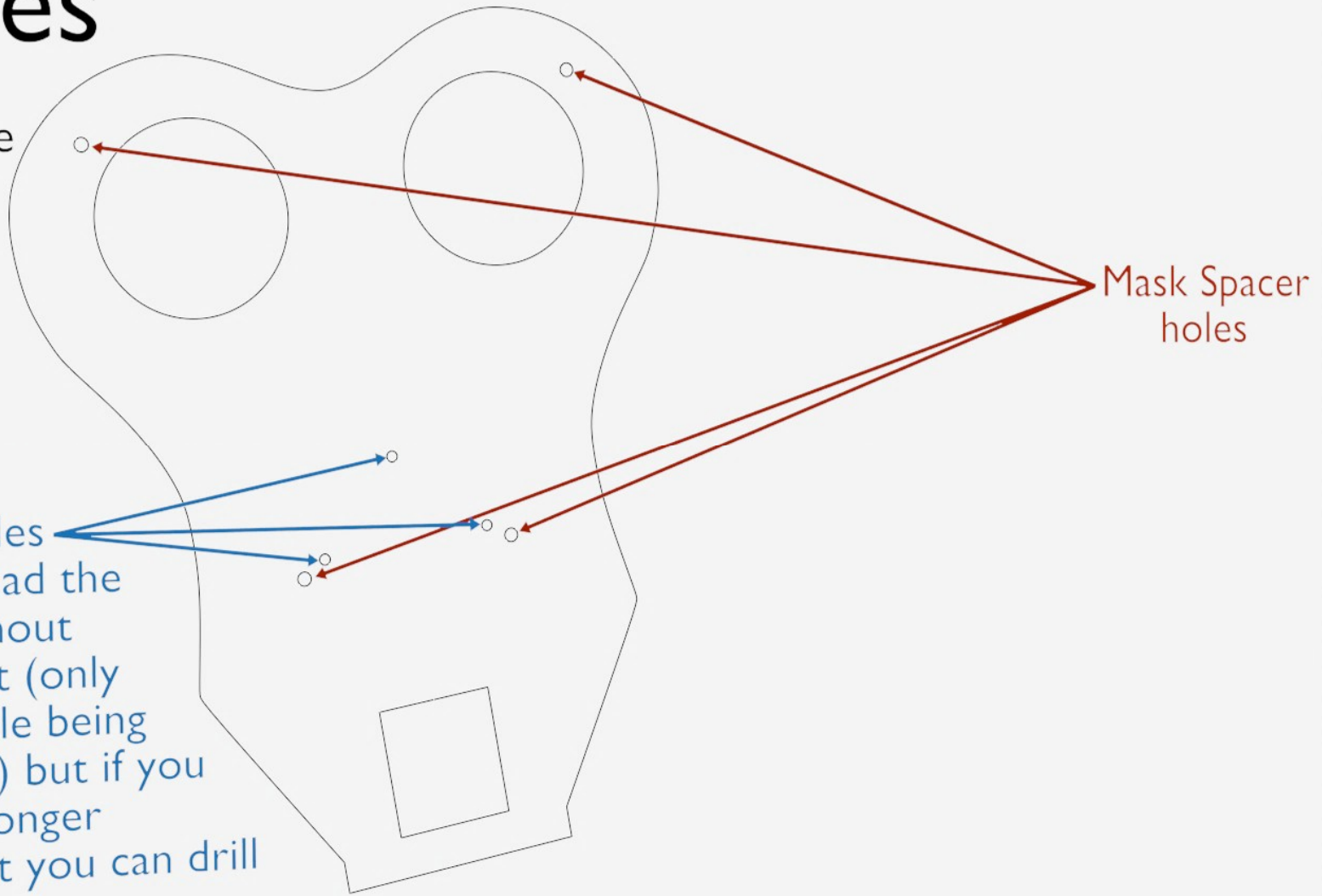
1/4 wood



Step 4:Holes

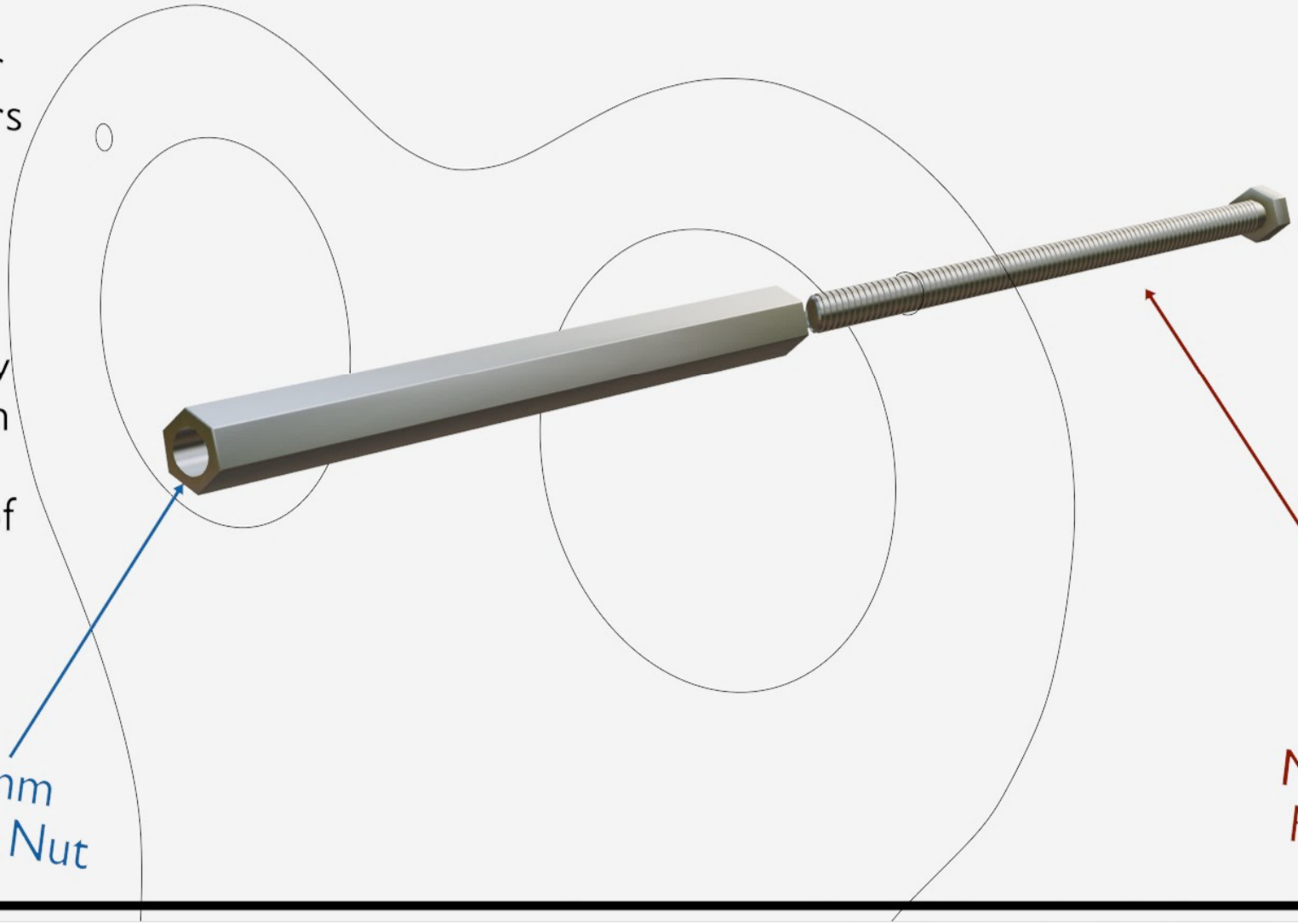
-Drill out the holes on the front maks plate

-All the holes are1/4 of an inch(6.35mm)


Mask Spacer holes
Snout holes
(All Kings had the Ptt style snout attachment (only the top hole being drilled out) but if you want a stronger attachment you can drill out all 3)

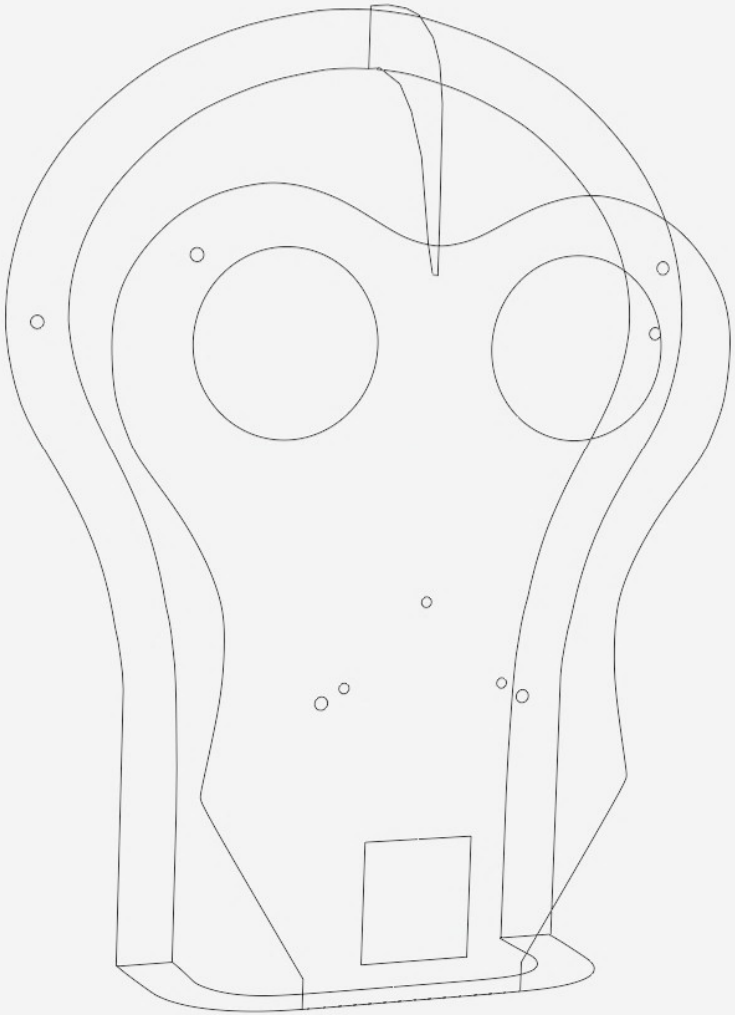
Step 5:Mask spacer assembly

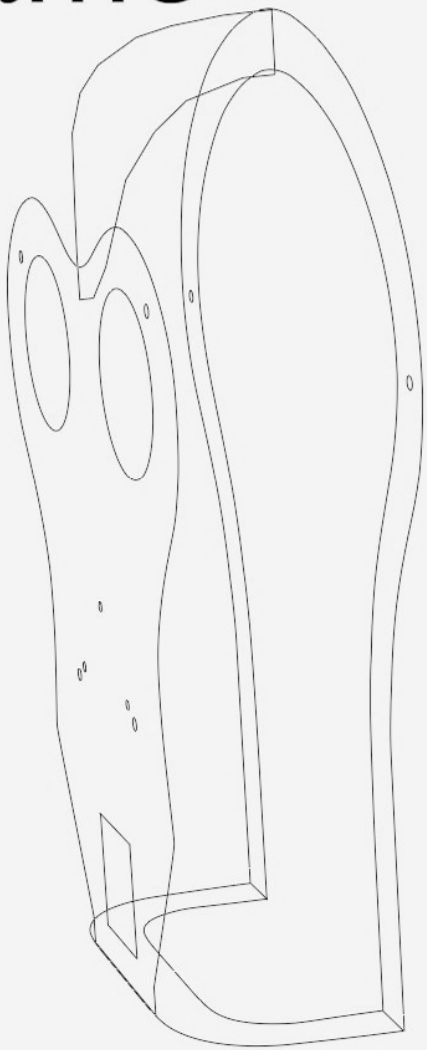
-In the holes for the mask spacers insert an M6 60mm hex bolt from the front of the mask plate,then screw on an M6-50mm Coupling Nut from the back of the plate



Step 6: The front head frame

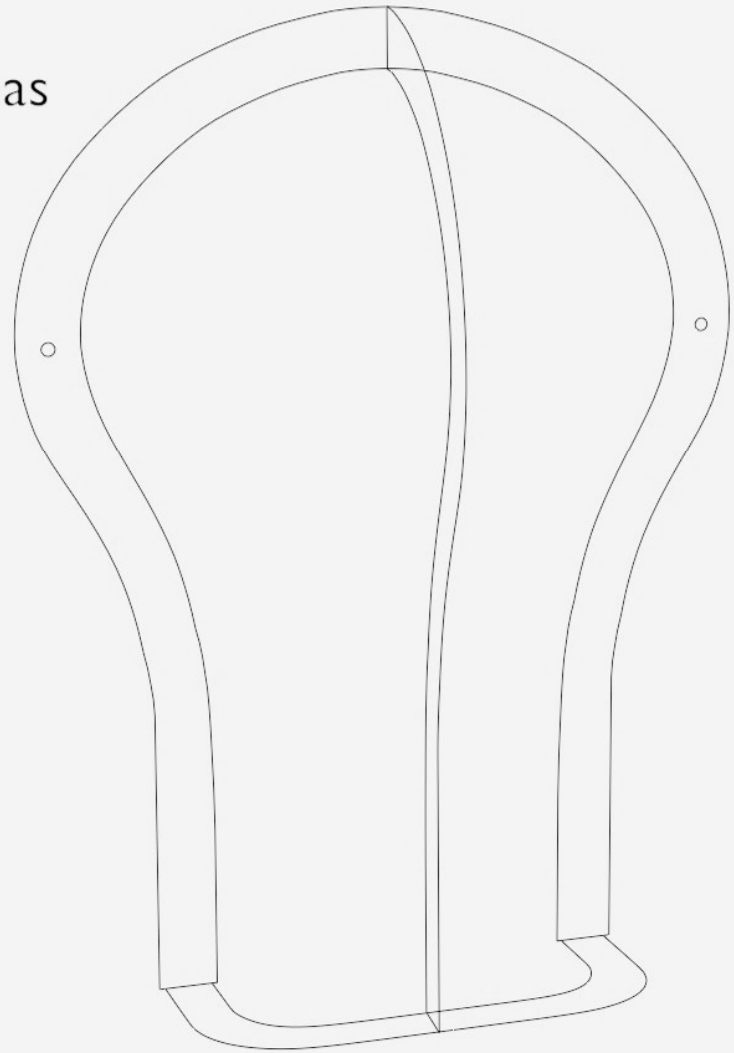
-Put togheter the pieces of the front mask according to this diagram
-You can attach the pieces however you like
-The original masks were hot glued togheter

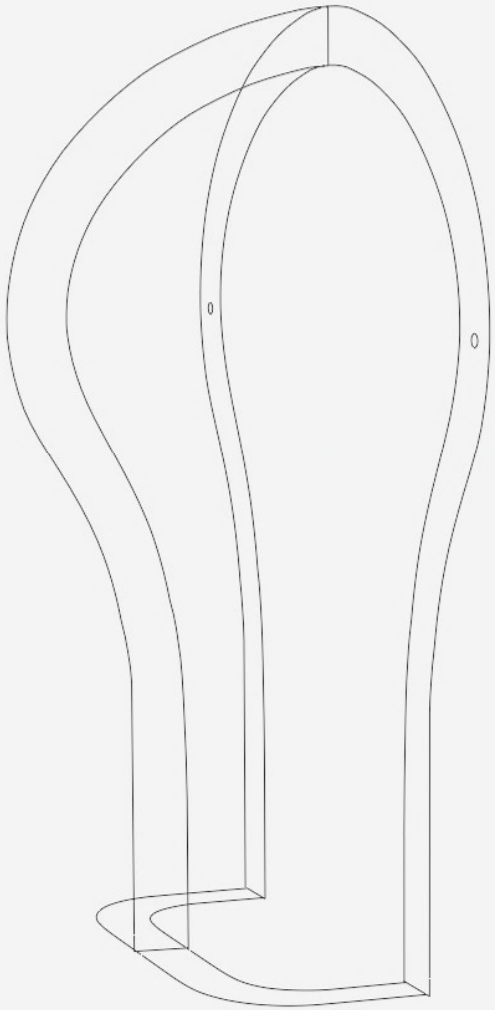




Step 7:The Back head frame

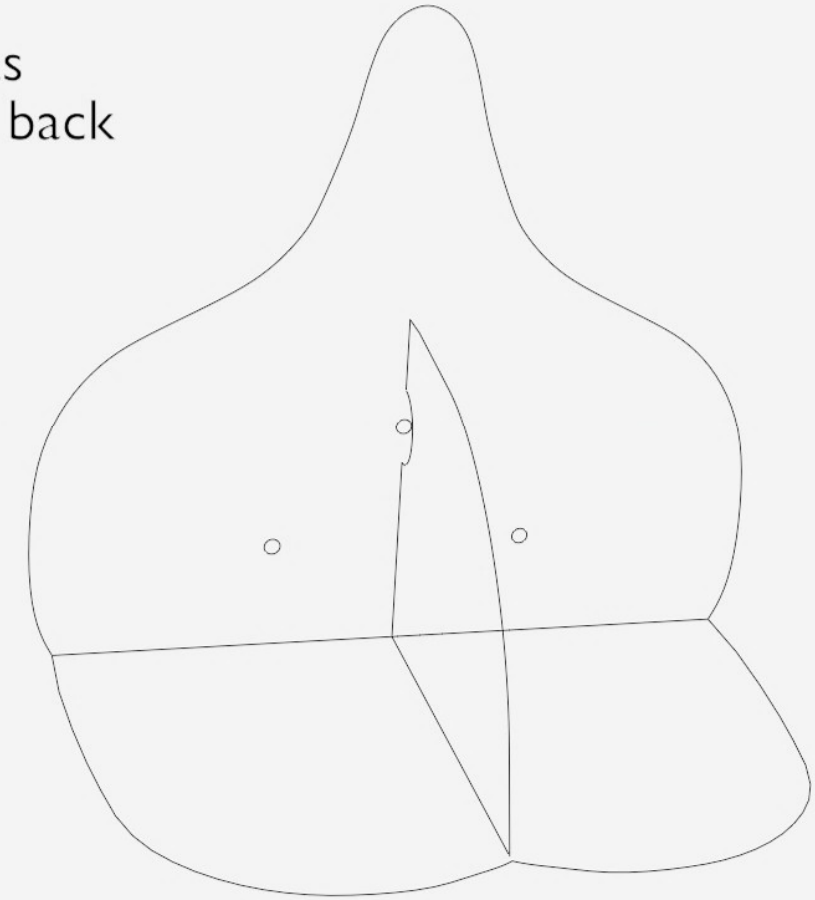
-Same steps as the front mask frame

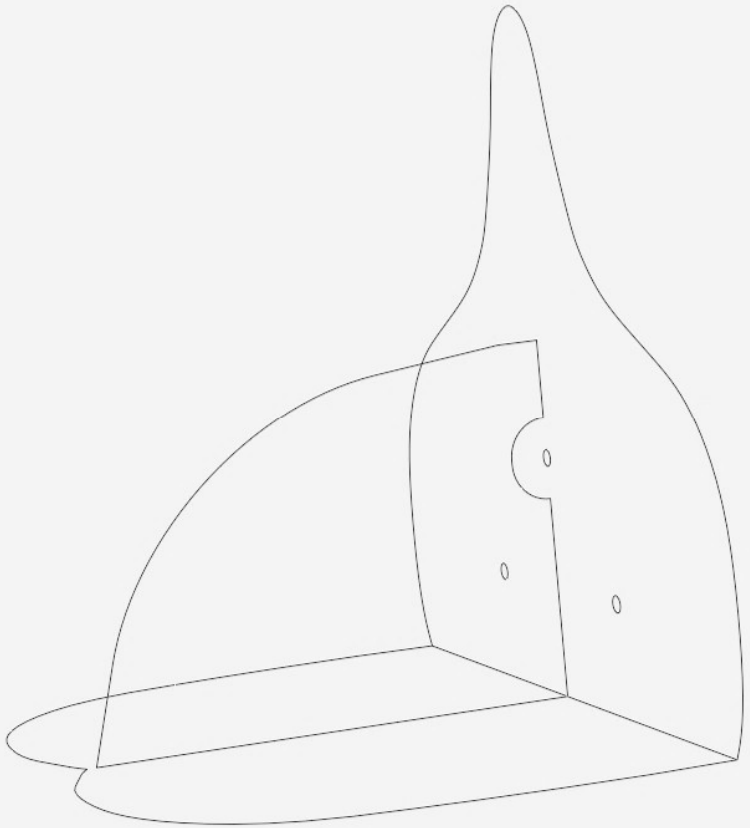




Step 8: The Snout

-Same steps as
the front and back
mask frames

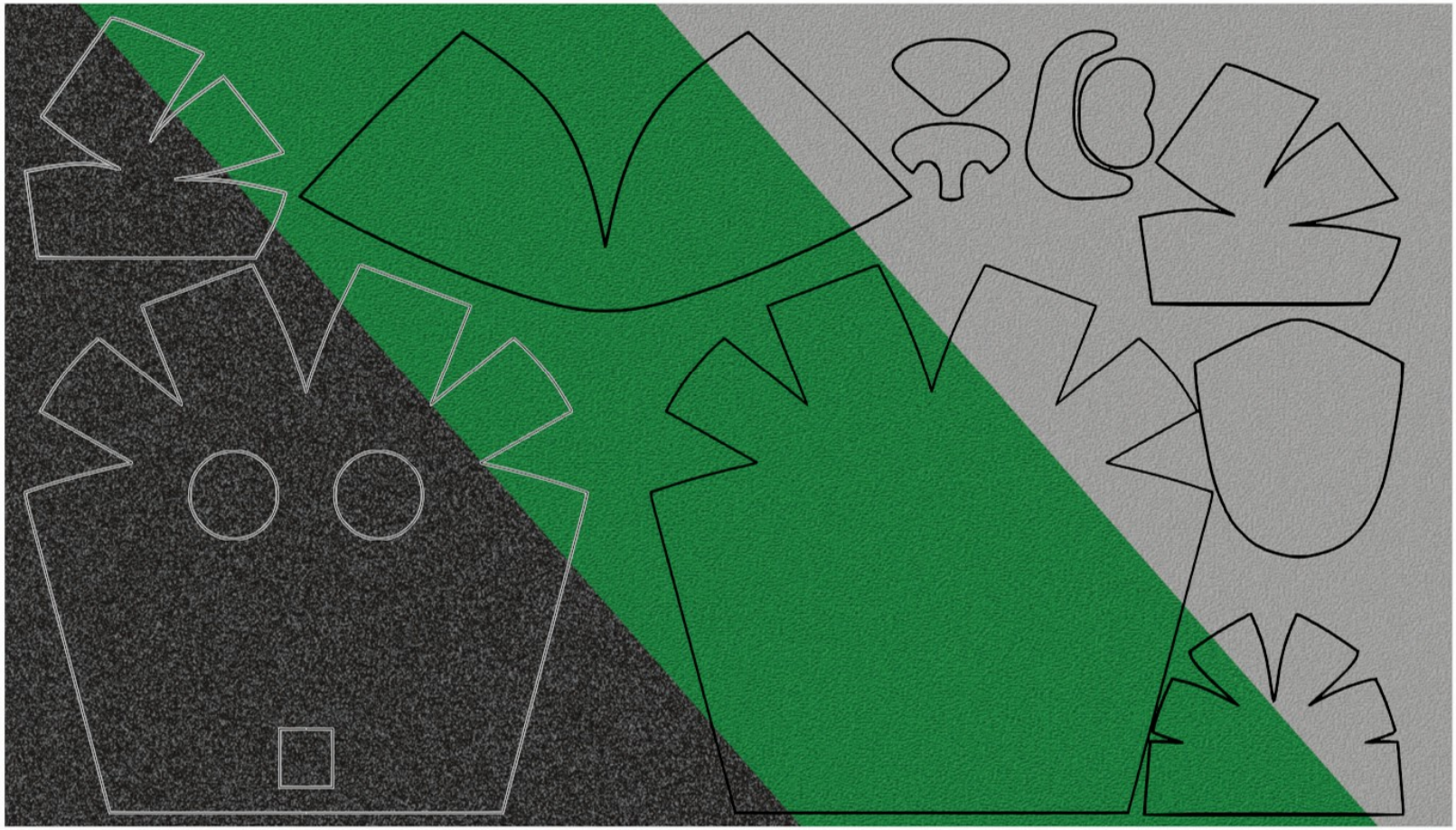




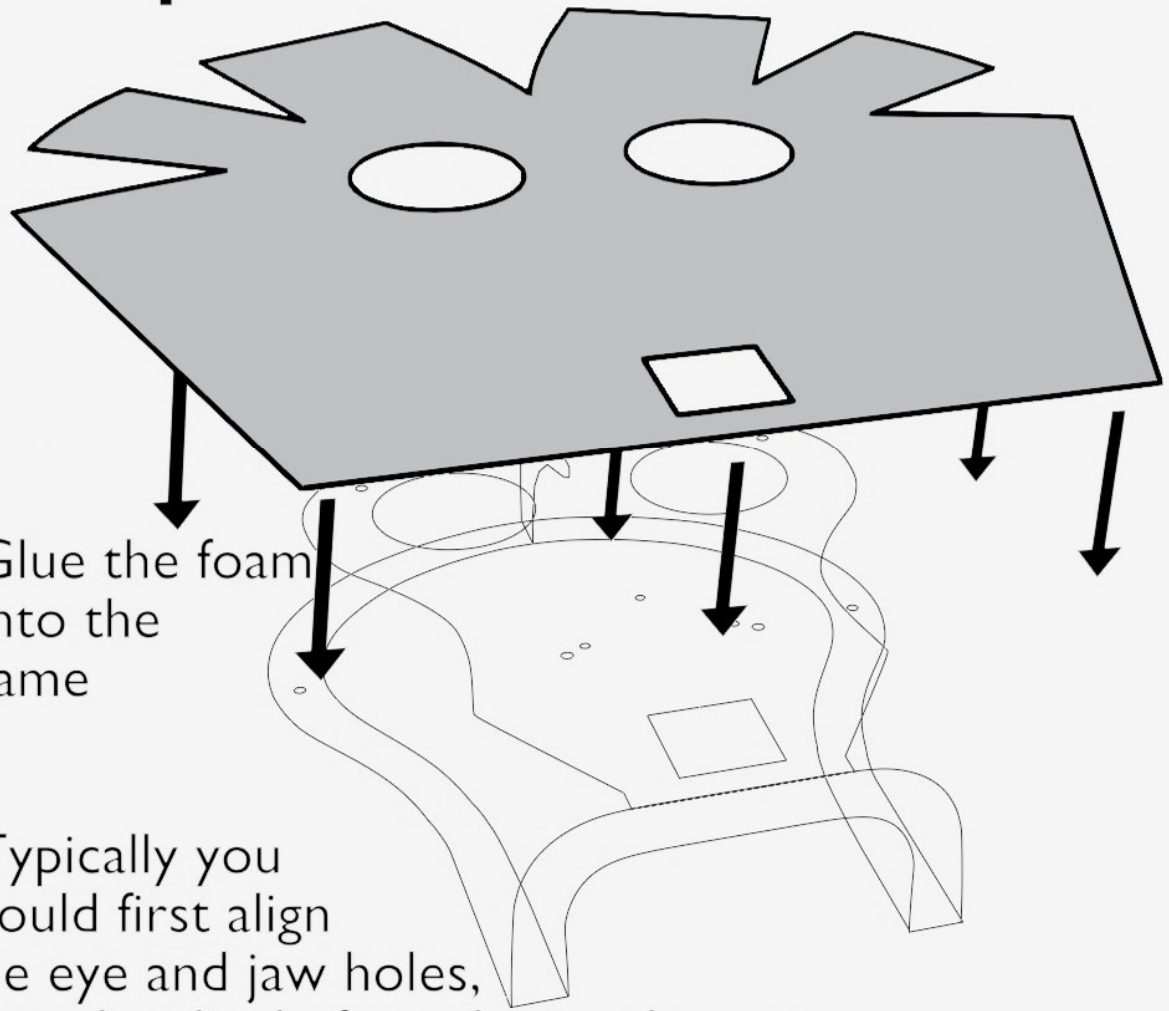
Step 9.Cut the foam

-Use whatever type of foam you like

-Black was the most common,but green and white foam has also been observed

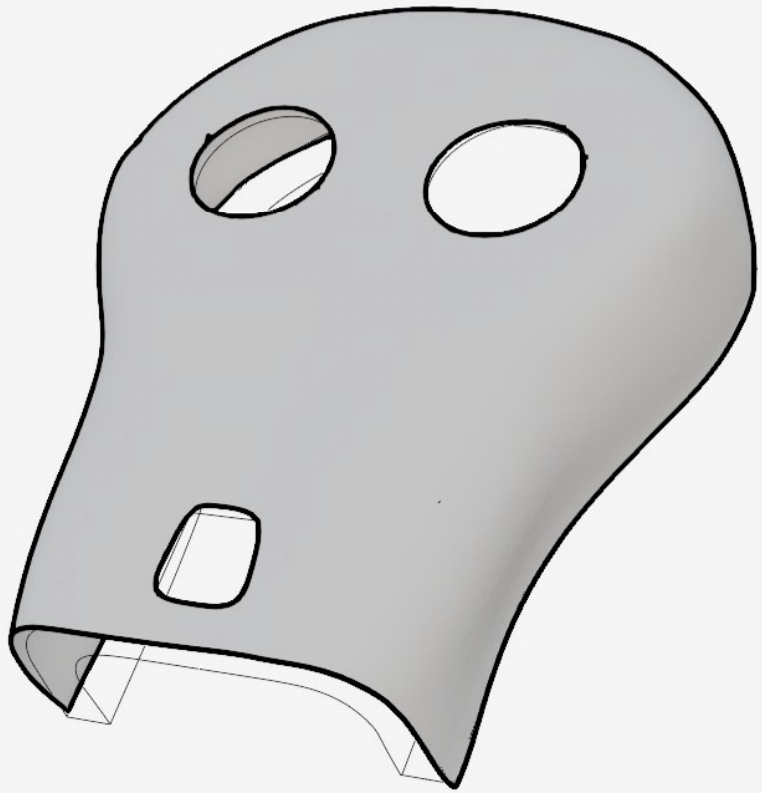


Step 10:Front head foam

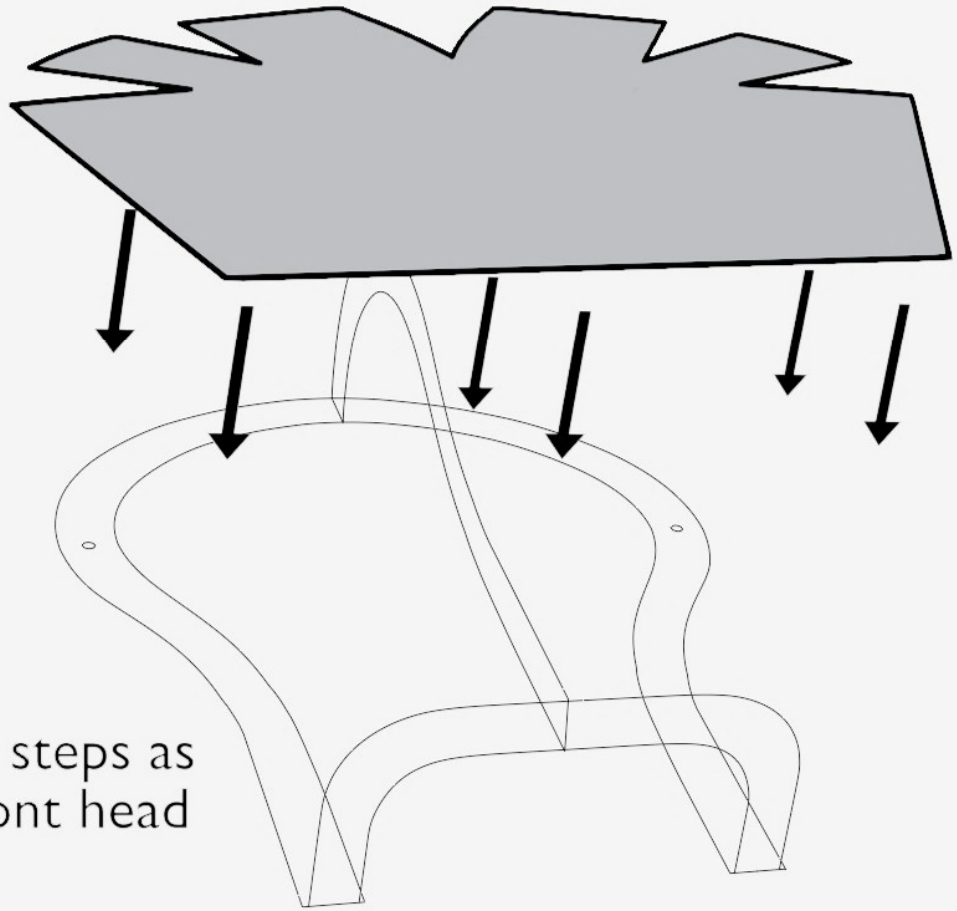


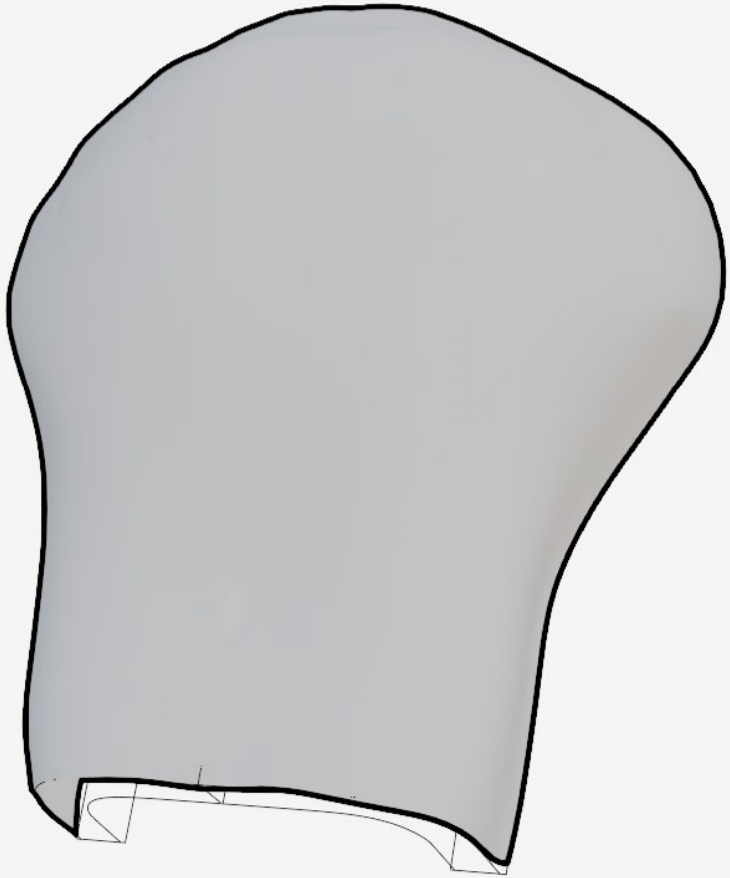
-Glue the foam onto the frame

-Typically you would first align the eye and jaw holes, then the slits,before glueing the rest



Step 11:Back head foam

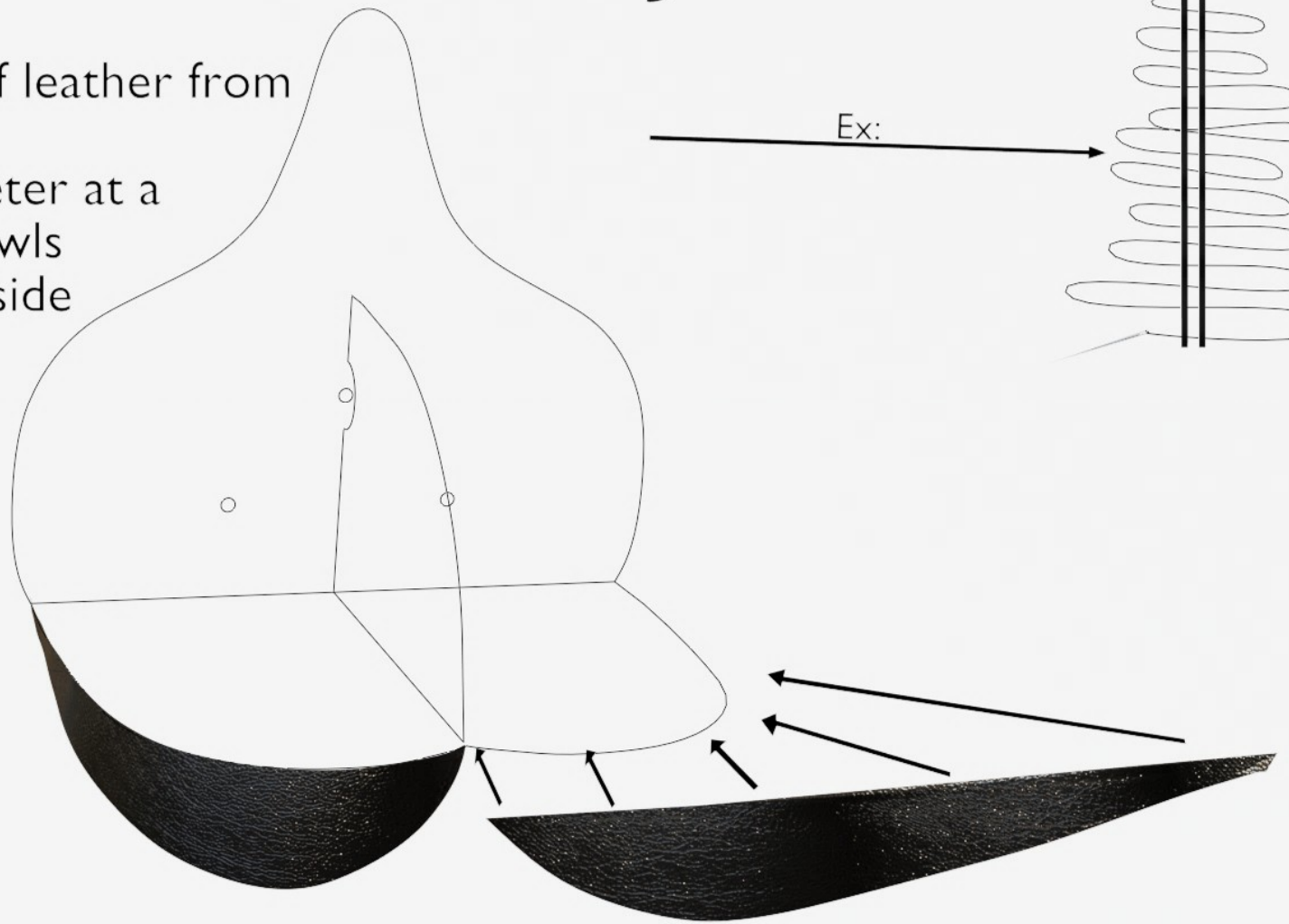




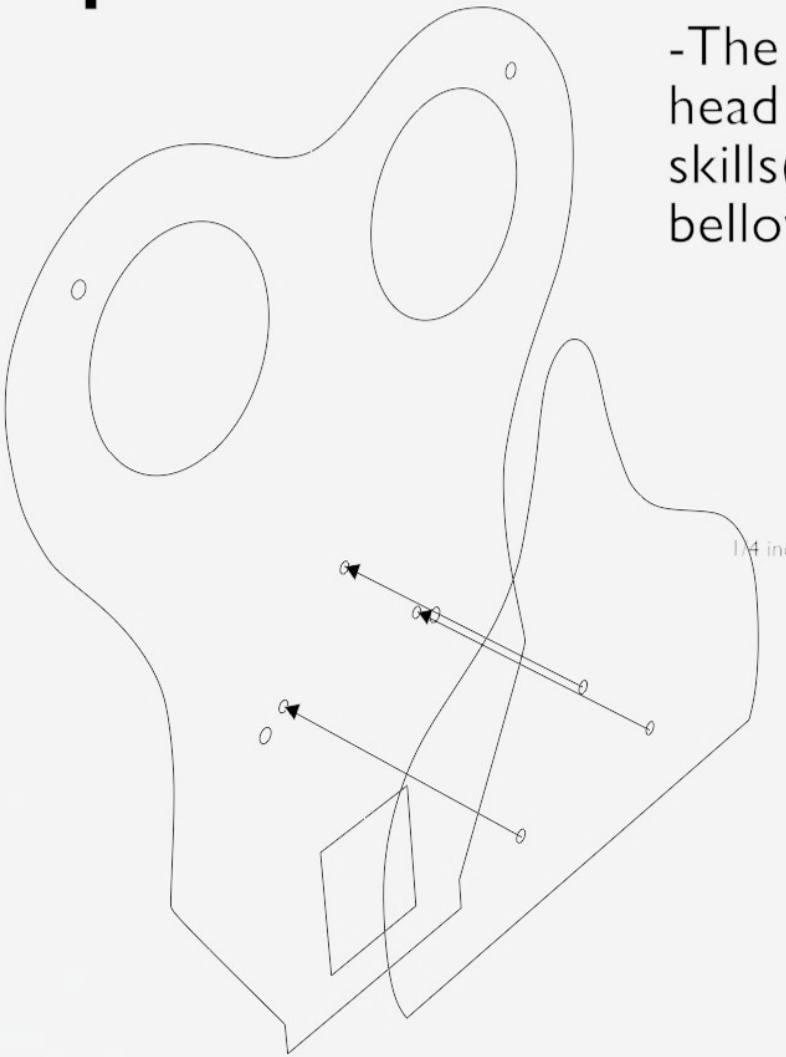
-Same steps as the front head

Step 12:The leather Jowls

-Cut out 4 pieces of leather from the patern
-Sew 2 pieces togheter at a time to create 2 jowls
-Glue one on each side of the snout

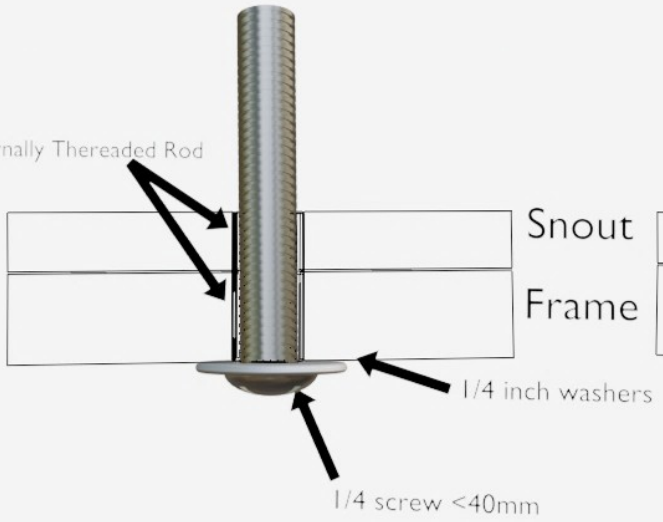


Step 13:Snout attachment

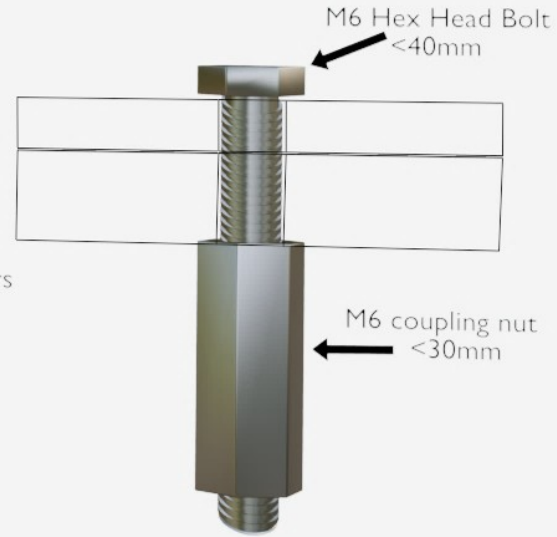


-The traditonal way of attaching the snout to the front head is a little dificult to work with.If you don't have the skills(or just simply can't find the parts)I've provided bellow is a simpler sollution that is just as effective!

Traditional way:



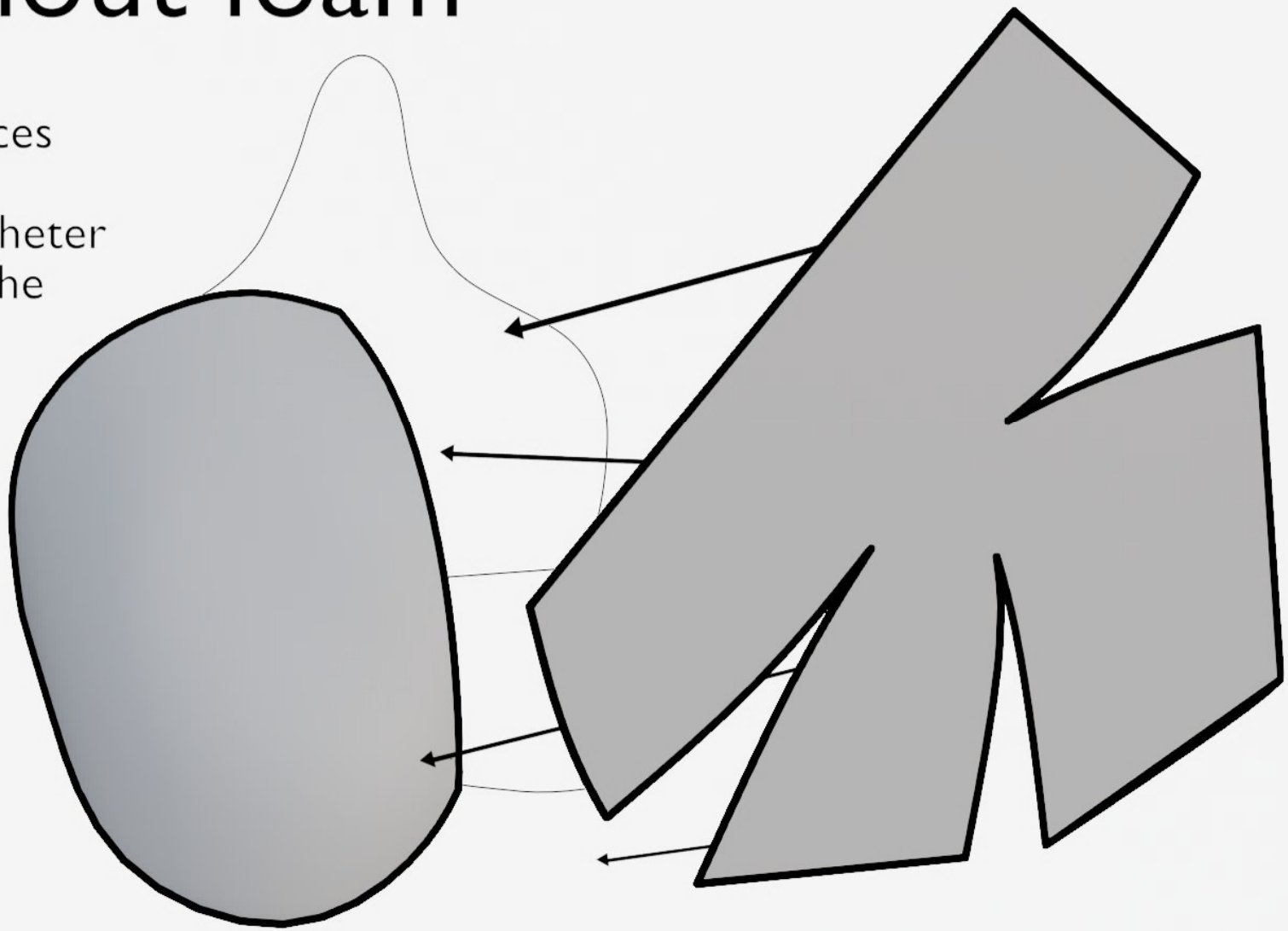
Simpler way:



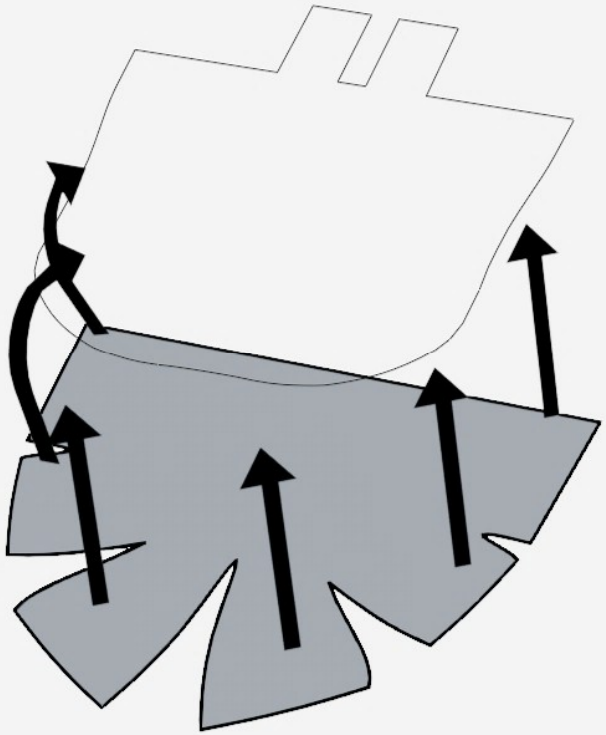
Step 14:Snout foam

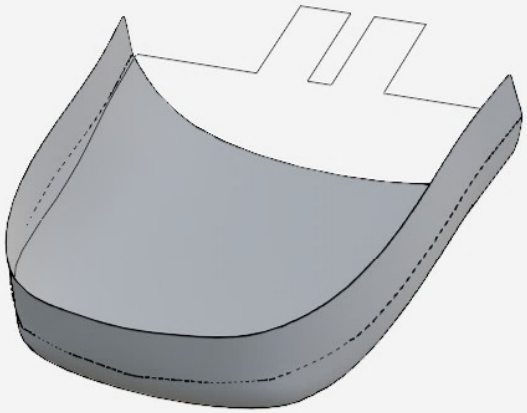
-Cut out the 2 foam pieces

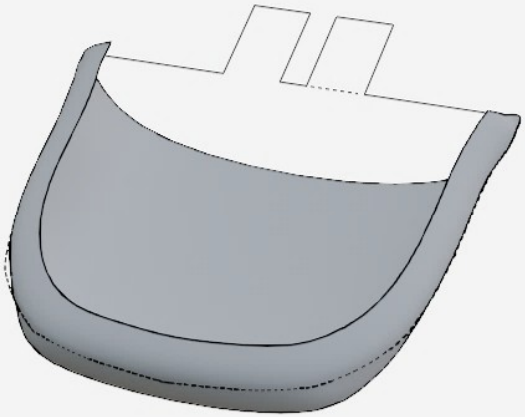
-Simply glue the slits togheter then lay the foam over the frame



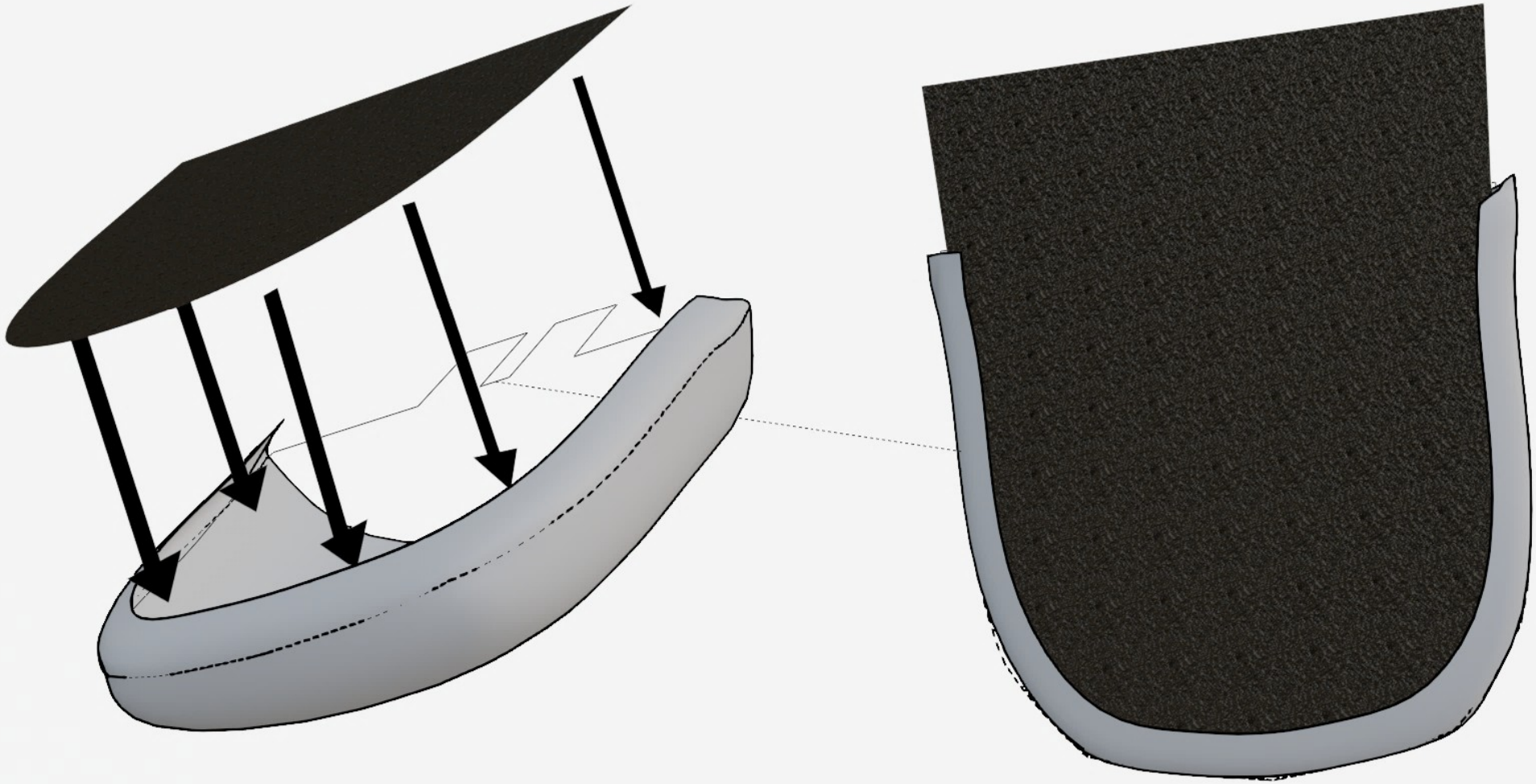
Step 15:The Jaw foam





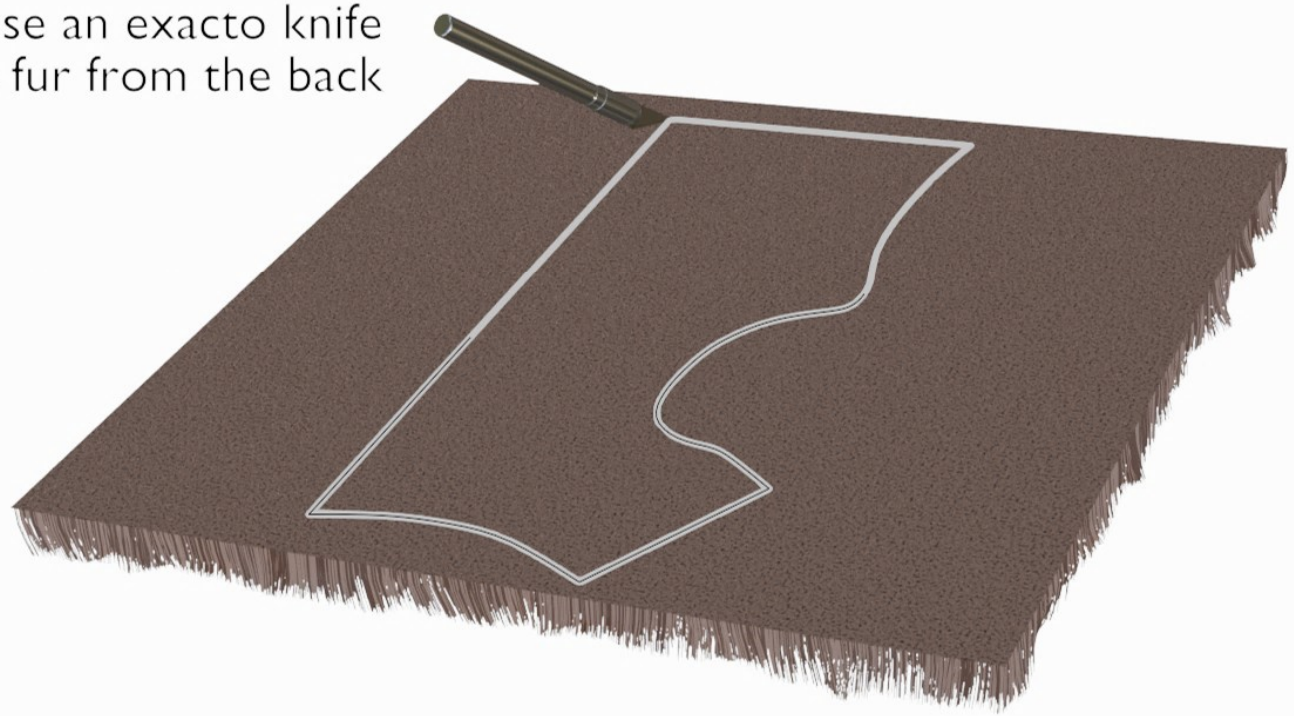


Step 16:Glue the black fabric



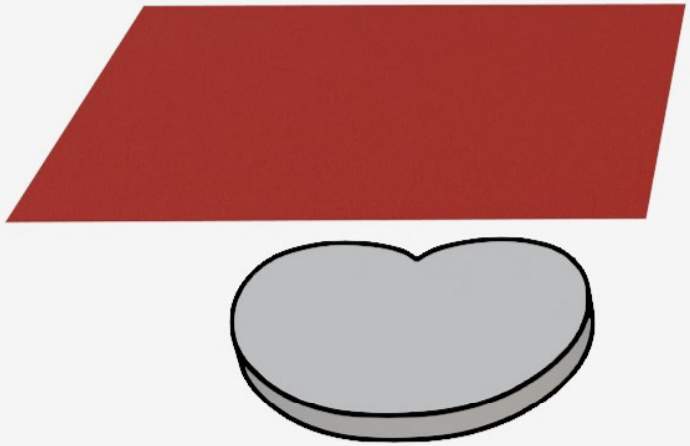
Step 17.Cut the fur

-When cutting the fur,use an exacto knife to slice the base of the fur from the back



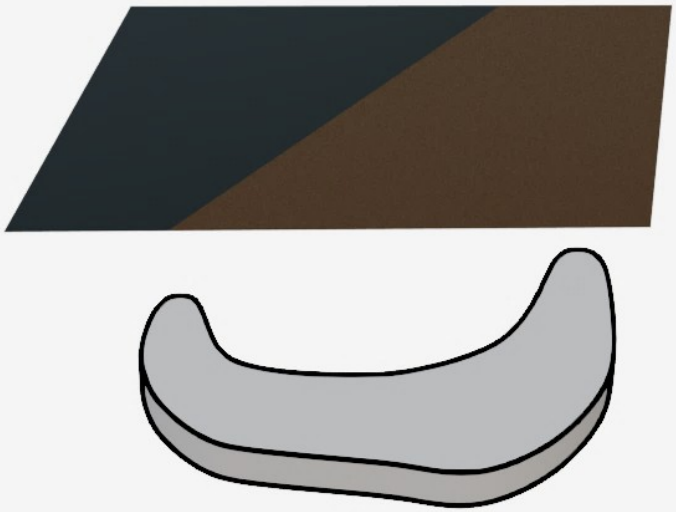
Step 18:Jaw fur

Step 19:Tongue and Lip



-After cutting the foam pieces stretch over the fabric

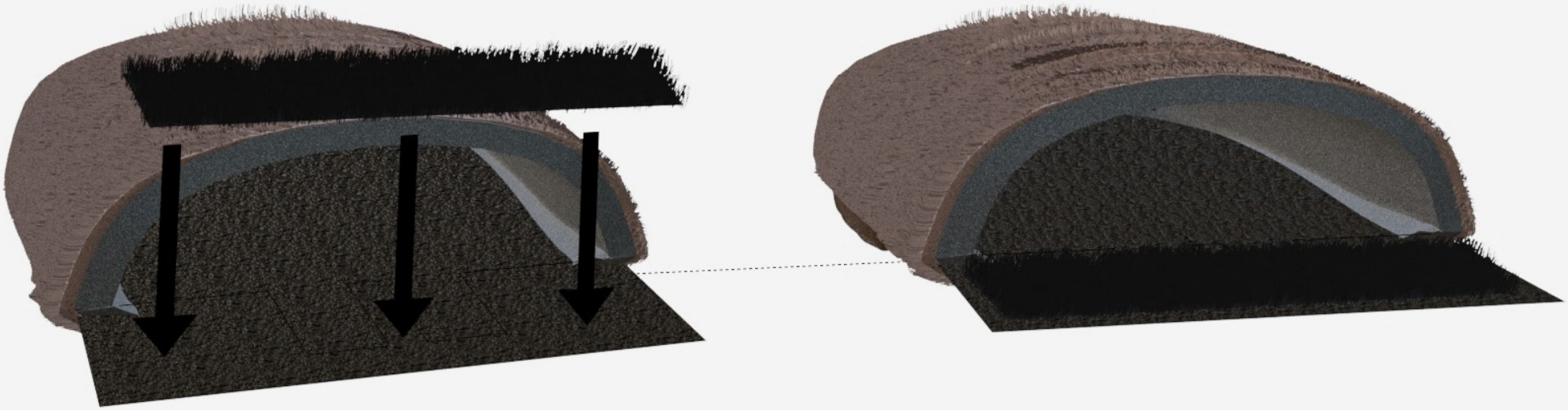
Tongue:Ptt: Stretchy terry cloth



Lip: Stretchy terry cloth

Step 20:Attach the tongue and lip

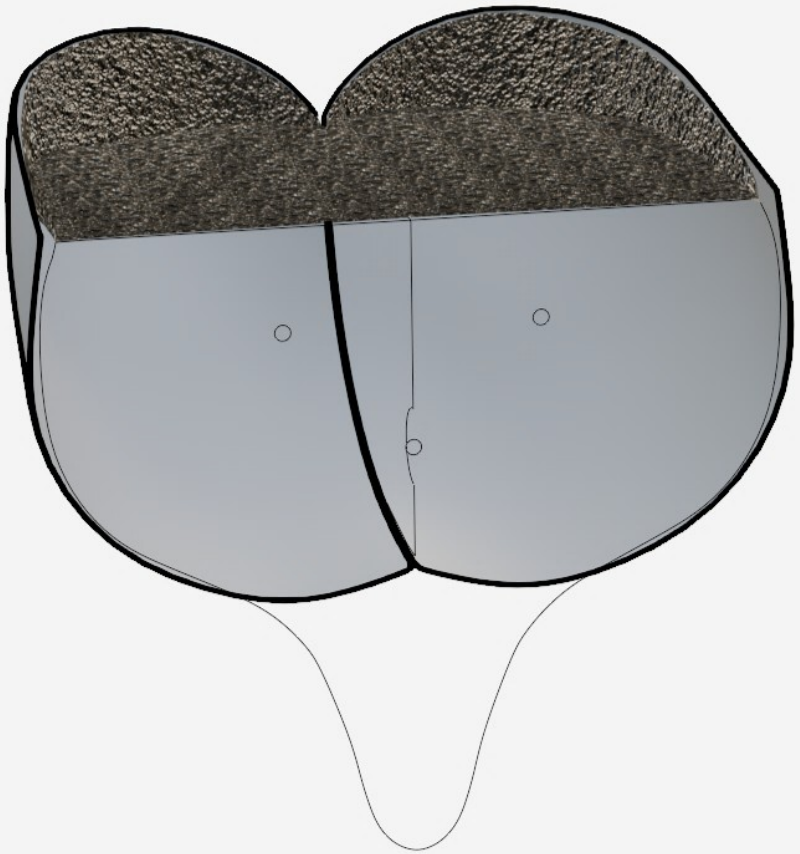
Step 21:Add velcro



-Glue a strip velcro onto the edge of the bottom of the black fabric

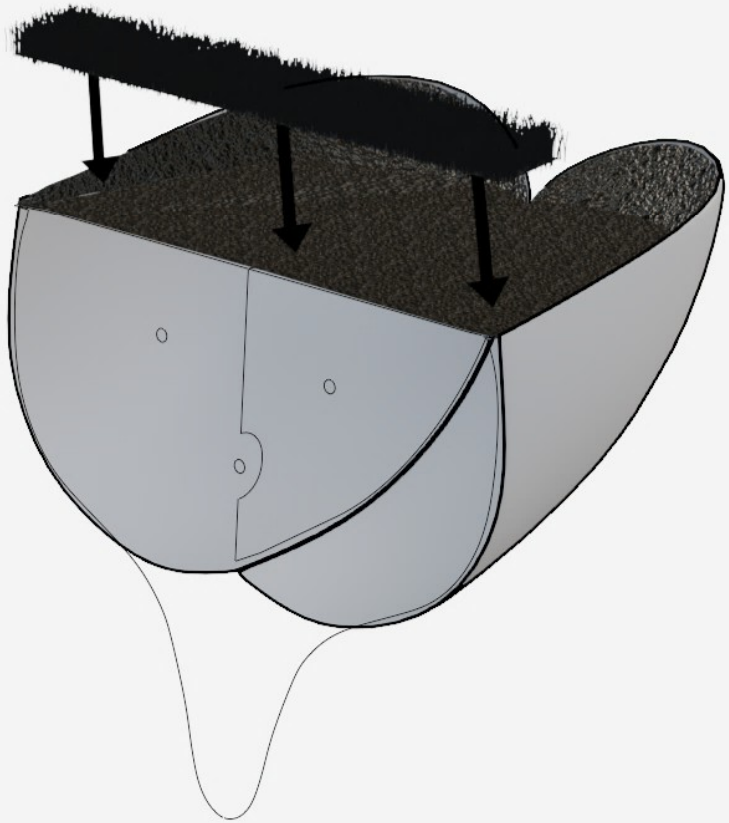
Step 22:Snout bottom fabric

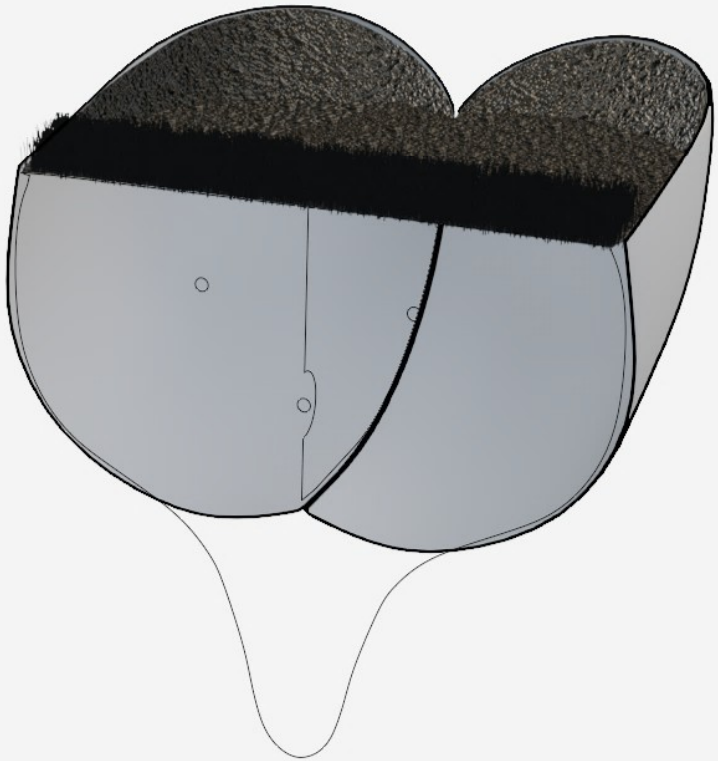
-Same fabric as the black part of the jaw



Step 23:Add velcro

-Glue a strip velcro onto the edge of the bottom of the snout



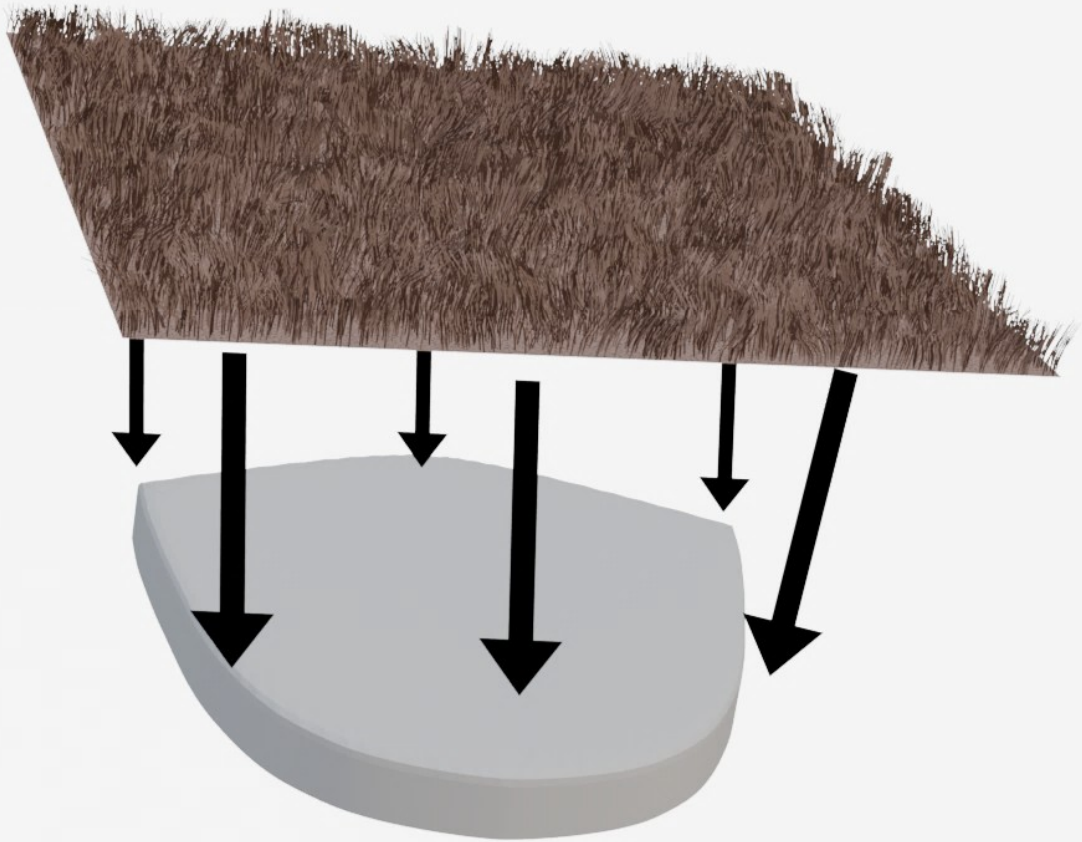


Step 24:Add fur onto snout

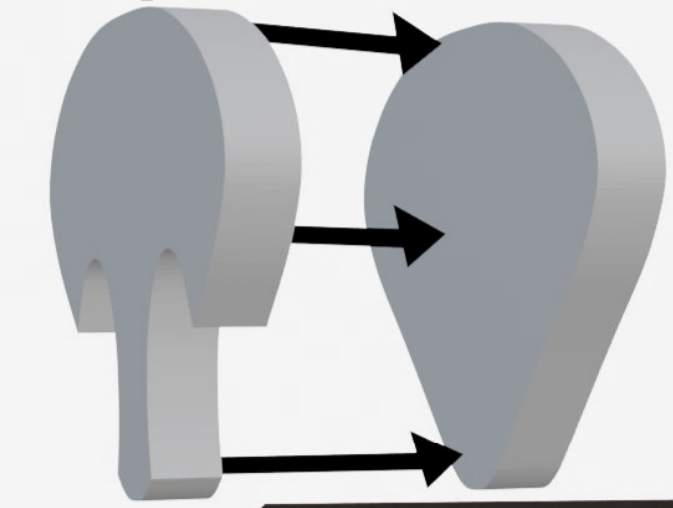
-Sew the slits of the fur pieces togheter
-Glue the fur onto the foam of the snout

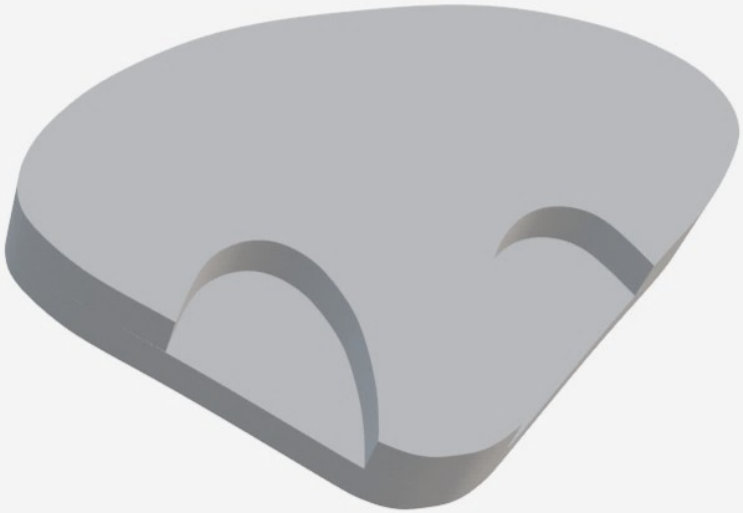
Snout top:

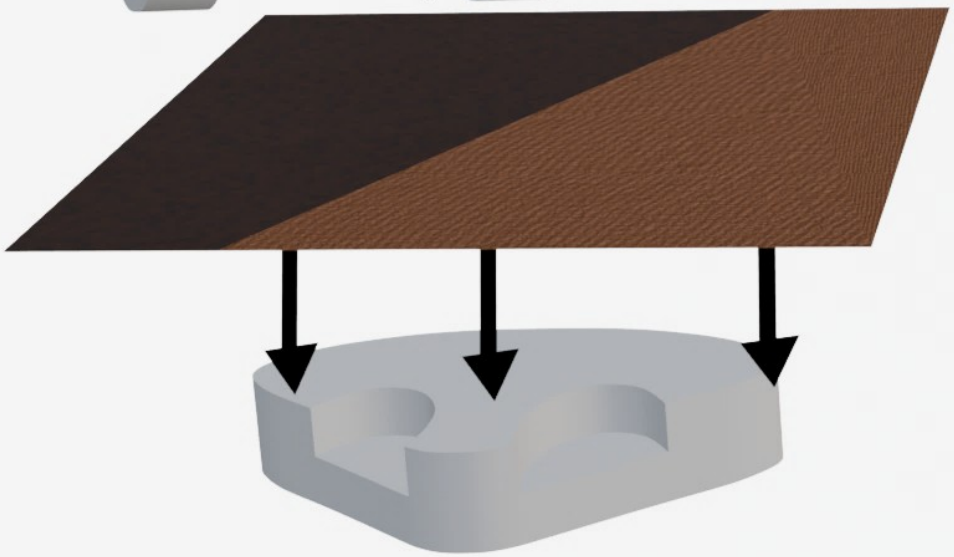
-Lay the fur over the foam



Step 25:Nose

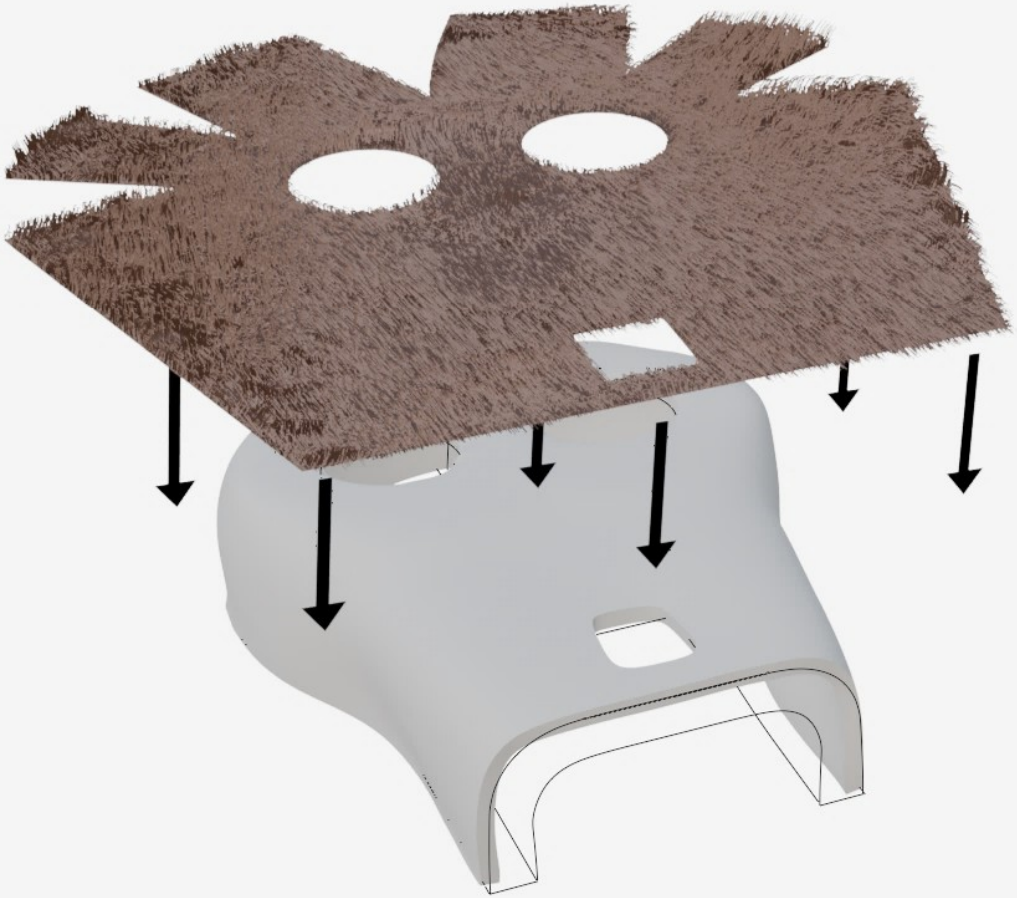






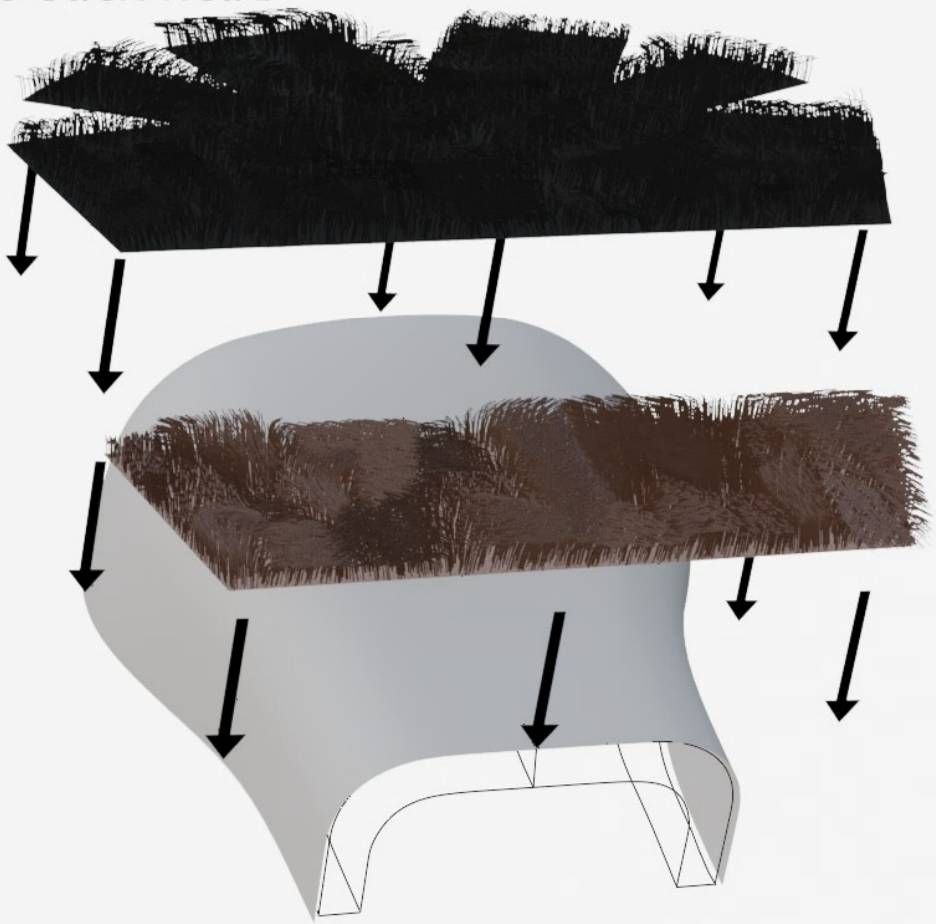
Step 26:Attach the Nose

Step 27:Attach the front head fur



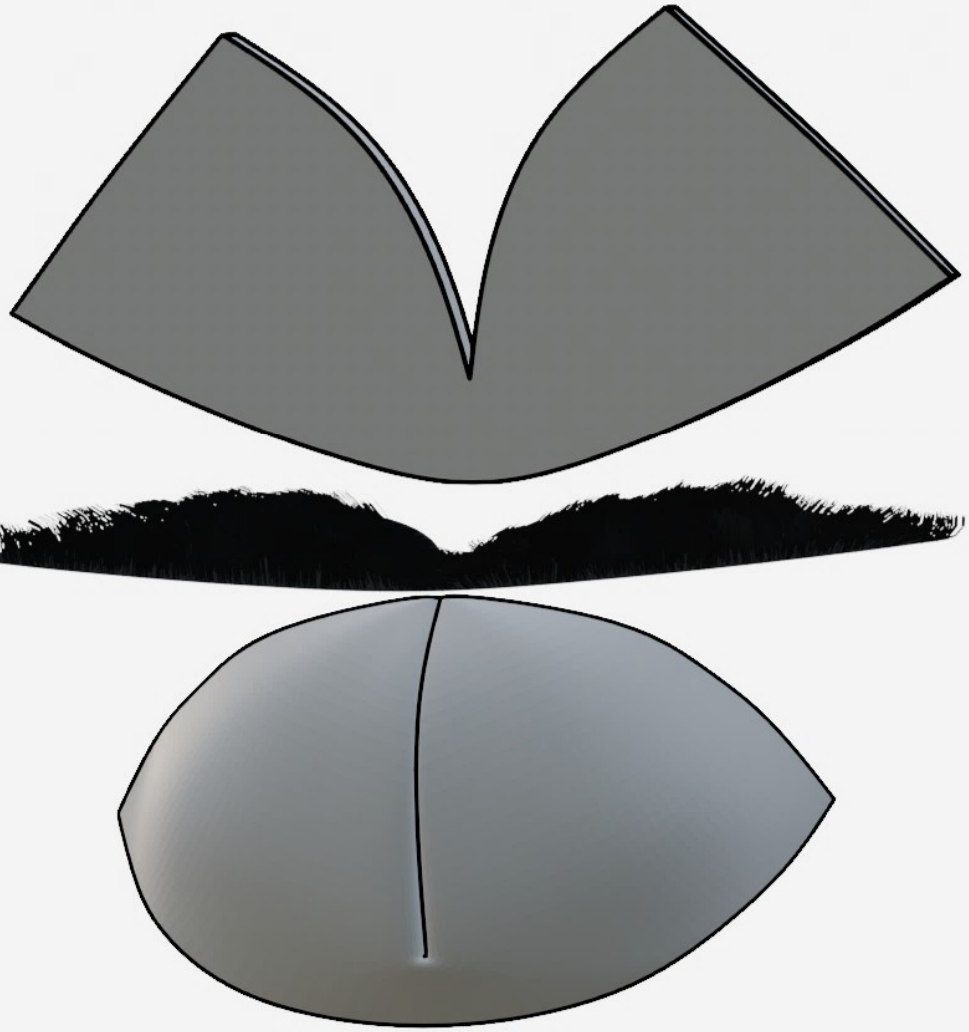
Step 28:Back Head Fur

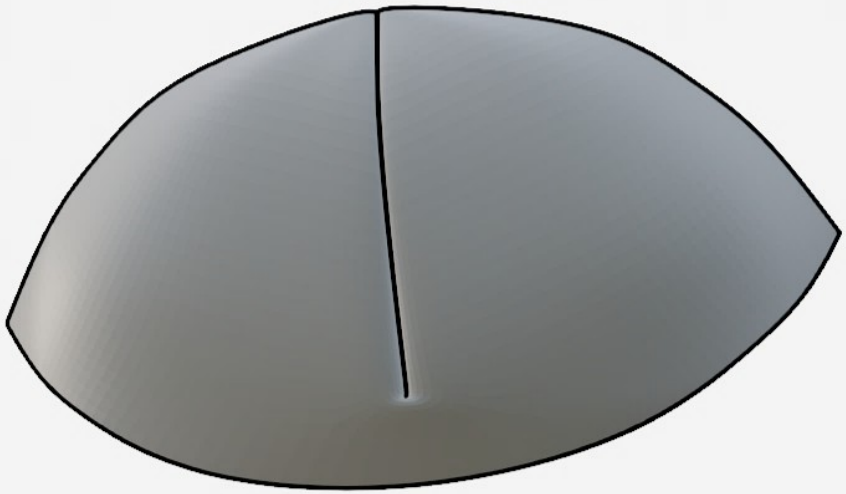
-Sew the slits togheter
-Glue them on the back head



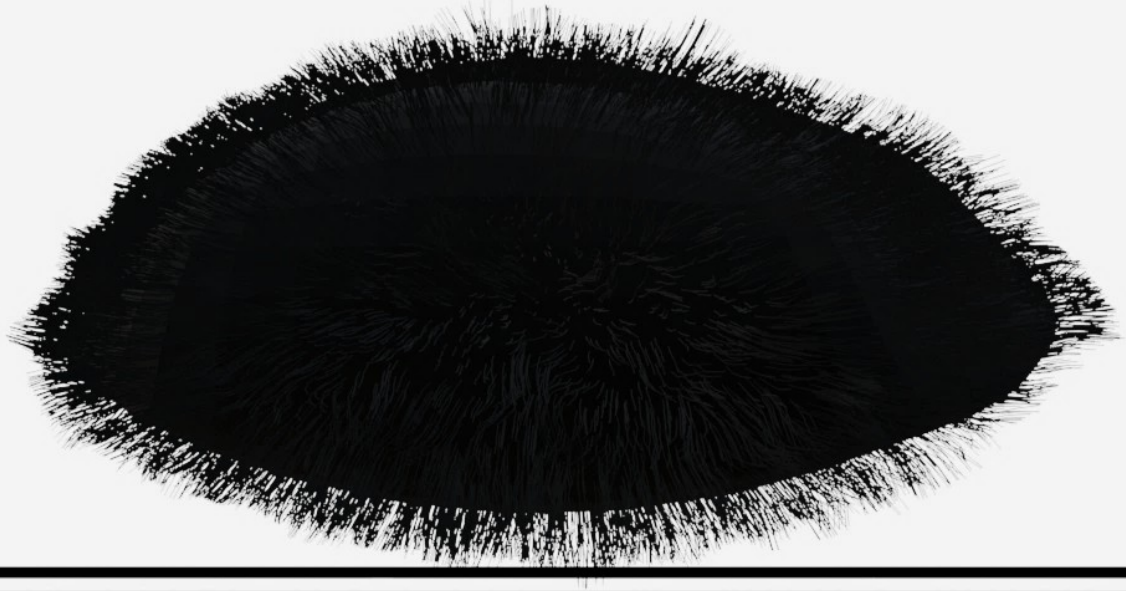
Step 29:Sideburns

Step 30:Hair piece





-When cutting the fur for the hair piece make sure to leave about 4 inches of exes on the back



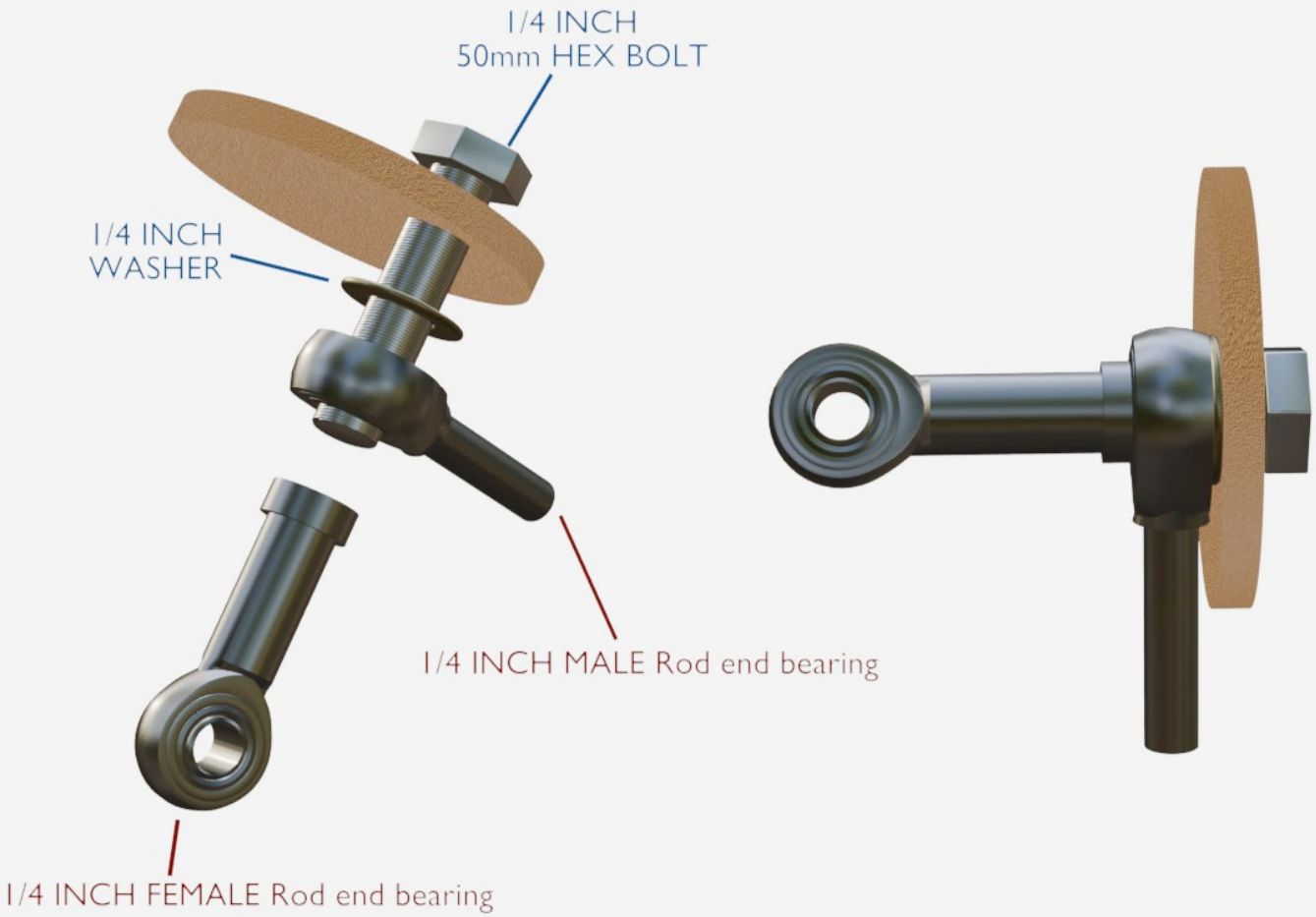
-First attach the front of the hair piece to the mask

-Glue down about 2 inches of the back to make it flat on the head

Step 31:Velcro

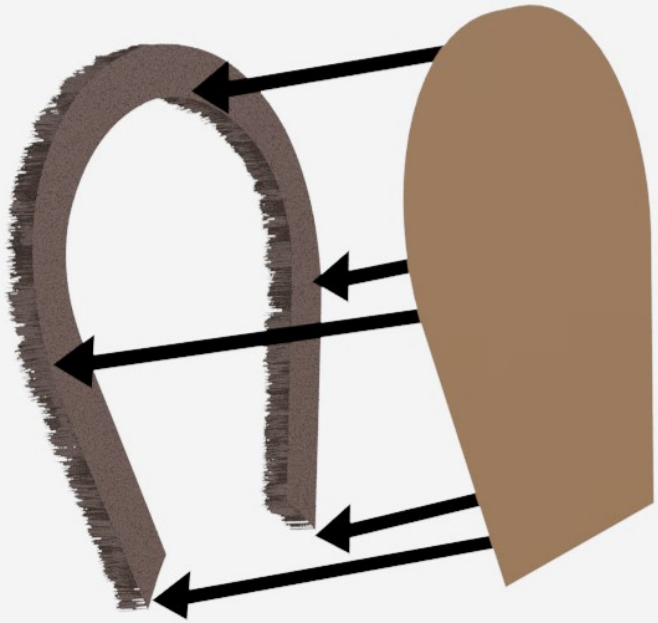
-To attach the velcro you can either staple or glue it on

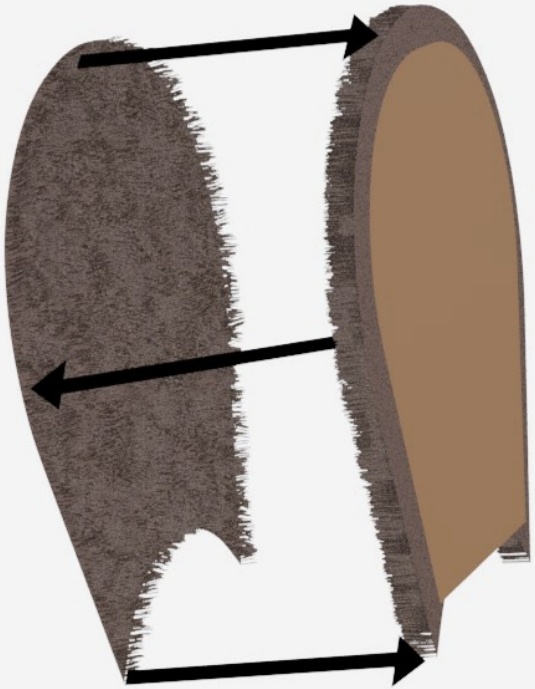
Step 32:Ear base



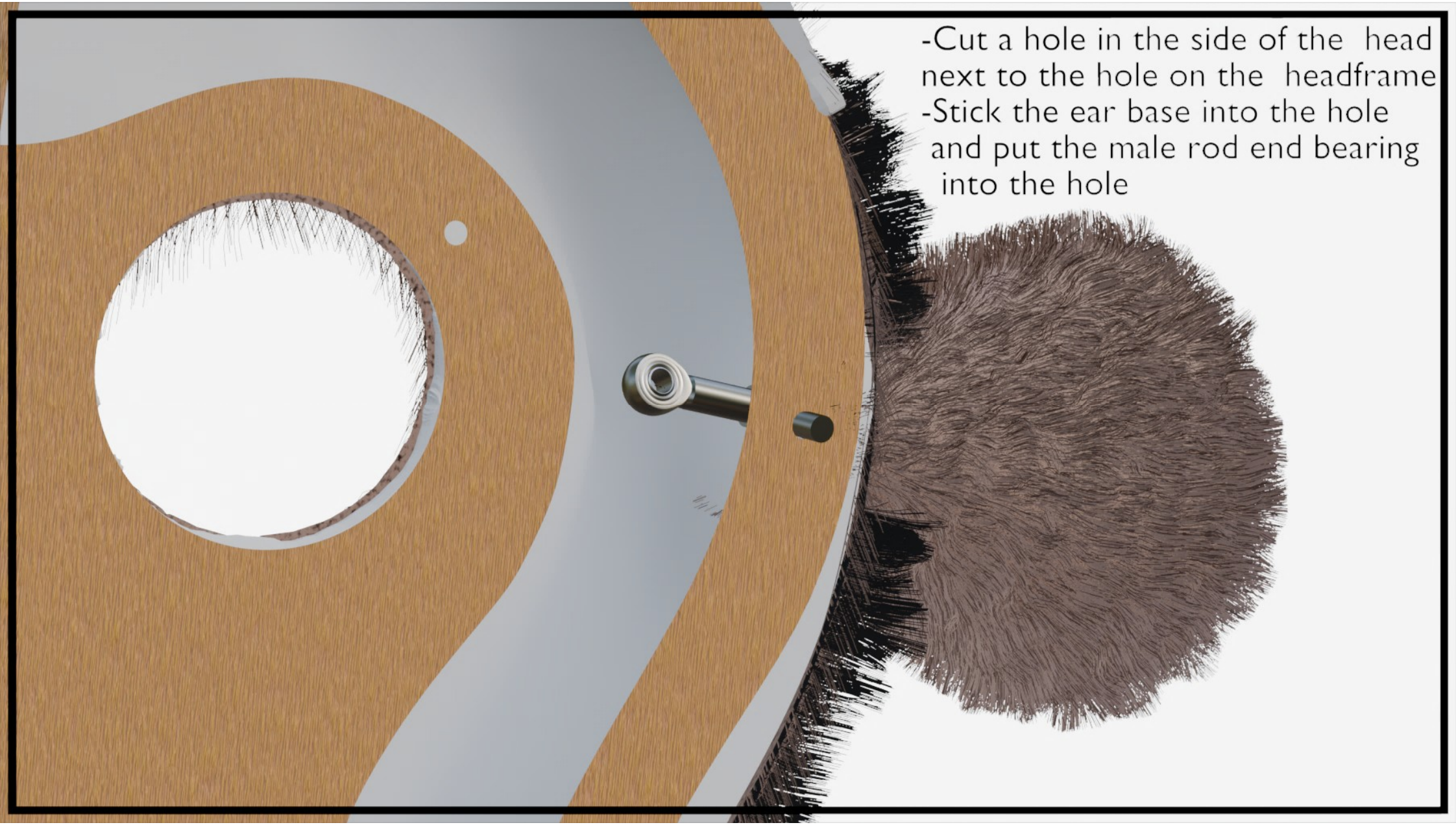
Step 33:Ears

-Attach the fabric for the inside of the ear to the back of the front ear fur
-Sew the two ear pieces toghter with fur facing inward
-Flip it inside out



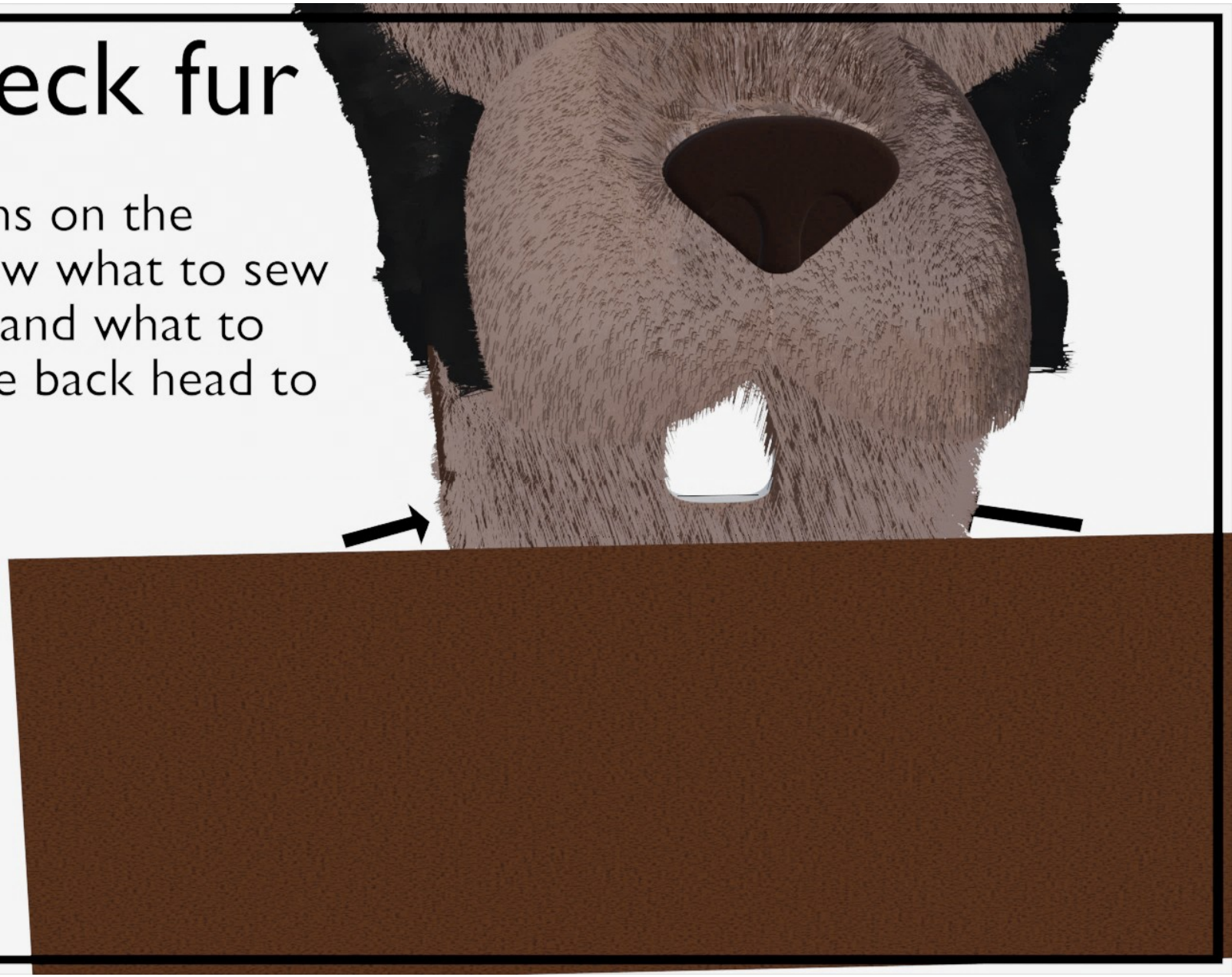


-Wrap the bottom of the ear around the ear base
-If you want your mask's ears to be more droopy/floppy you can leave them like this
-If you want some slightly stiffer/standard ears sew or glue the bottom inch of the ear


-Cut a hole in the side of the head next to the hole on the headframe
-Stick the ear base into the hole and put the male rod end bearing into the hole

Step 34:Neck fur

-Follow the indications on the pattern piece to know what to sew onto the front head and what to attatch velcro for the back head to



Congratulations!You have just finnished the mask!

-Give yourself a pat on the back!